fluid sample that are often associated with non-venous blood draws. In one non-limiting example, the sample volume is about 1 mL or less. Optionally, the sample volume is about 900 uL or less. Optionally, the sample volume is about 800 uL or less. Optionally, the sample volume is about 700 uL or less. Optionally, the sample volume is about 600 uL or less. Optionally, the sample volume is about 500 uL or less. Optionally, the sample volume is about 400 uL or less. Optionally, the sample volume is about 300 uL or less. Optionally, the sample volume is about 200 uL or less. Optionally, the sample volume is about 100 uL or less. Optionally, the sample volume is about 90 uL or less. Optionally, the sample volume is about 80 uL or less. Optionally, the sample volume is about 70 uL or less. Optionally, the sample volume is about 60 uL or less. Optionally, the sample volume is about 50 uL or less.

[0005] In one non-limiting example, this device can be used to split the bodily fluid sample directly into two or more different portions that are then deposited into their respective containers. According to another aspect, there is provided a device for collecting a bodily fluid sample resting on a surface of a subject, the device comprises a first portion comprising at least one fluid collection location leading to at least two sample collection pathways configured to draw the fluid sample therein via a first type of motive force; a second portion comprising a plurality of sample containers for receiving the bodily fluid sample collected in the sample collection pathways, the sample containers operably engagable to be in fluid communication with the sample collection pathways, whereupon when fluid communication is established, the containers provide a second motive force different from the first motive force to move a majority of the bodily fluid sample from the pathways into the containers; wherein at least one of the sample collection pathways comprises a fill indicator to indicate when a minimum fill level has been reached and that at least one of the sample containers can be engaged to be in fluid communication with at least one of the sample collection pathways. The containers may be arranged such that mixing of the fluid sample between the containers does not occur. Because this device may be used with non-venous draws, it may take a longer period of time to obtain a desired volume of sample and the early introduction of a material such as an anti-coagulant which may coat the channels, can prevent premature clogging of the channels during collection.

[0005a] In another aspect, there is provided a device for collecting a bodily fluid sample resting on a surface of a subject, the device comprising: a first portion comprising at least two sample collection channels configured to draw the fluid sample into the sample collection channels via a first type of motive force, wherein one of the sample collection channels has an interior coating designed to mix with the fluid sample and another of the sample collection channels has another interior coating chemically different from said interior coating; a second portion comprising a plurality of sample containers for receiving the bodily fluid sample collected in the sample collection channels, the sample containers operably engagable to be in fluid communication with the collection channels, whereupon when fluid communication is established, the containers provide a second motive force different from the first motive force to move a majority of the bodily fluid sample from the channels into the containers; wherein containers are arranged such that mixing of the fluid sample between the containers does not occur.

[0006] In another aspect described herein, a device is provided for collecting a bodily fluid sample resting on a surface of a subject. The device comprises a first portion comprising a plurality of sample collection channels, wherein at least two of the channels are configured to simultaneously draw the fluid sample into each of the at least two sample collection channels via a first type of motive

force. The device may also include a second portion comprising a plurality of sample containers for receiving the bodily fluid sample collected in the sample collection channels, wherein the sample containers have a first condition where the sample containers are not in fluid communication with the sample collection channels, and a second condition where the sample containers are operably engagable to be in fluid communication with the collection channels, whereupon when fluid communication is established, the containers provide a second motive force different from the first motive force to move bodily fluid sample from the channels into the containers.

[0006a] In another aspect, there is also provided a sample collection device for collecting sample resting on a surface of a subject, comprising: a collection channel comprising a first opening and a second opening, and being configured to draw a bodily fluid sample via capillary action from the first opening towards the second opening; and a sample container for receiving the bodily fluid sample, the container being engagable with the collection channel, having an interior with a vacuum therein, and having a cap configured to receive a channel; wherein the second opening is defined by a portion the collection channel configured to penetrate the cap of the sample container, and to provide a fluid flow path between the collection channel and the sample container, and the sample container has an interior volume no greater than ten times larger than the interior volume of the collection channel.

[0006b] In another aspect, there is provided a sample collection device for collecting sample resting on a surface of a subject, comprising: a collection channel comprising a first opening and a second opening, and being configured to draw a bodily fluid sample via capillary action from the first opening towards the second opening; a sample container for receiving the bodily fluid sample, the container being engageable with the collection channel, having an interior with a vacuum therein, and having a cap configured to receive a channel; and an adaptor channel configured to provide a fluid flow path between the collection channel and the sample container, having a first opening and a second opening, the first opening being configured to contact the second opening of the collection channel, the second opening being configured to penetrate the cap of the sample container~~;~~.

[0006c] In another aspect, there is provided a sample collection device for collecting sample resting on a surface of a subject, comprising: a body, containing a collection channel , the

collection channel comprising a first opening and a second opening, and being configured to draw a bodily fluid via capillary action from the first opening towards the second opening; a base, containing a sample container for receiving the bodily fluid sample, the sample container being engageable with the collection channel, having an interior with a vacuum therein, and having a cap configured to receive a channel; and a support, wherein, the body and the base are connected to opposite ends of the support, and are configured to be movable relative to each other, such that sample collection device is configured to have an extended state and a compressed state, wherein at least a portion of the base is closer to the body in the extended state of the device than in the compressed state, the second opening of the collection channel is configured to penetrate the cap of the sample container, in the extended state of the device, the second opening of the collection channel is not in contact with the interior of the sample container, and in the compressed state of the device, the second opening of the collection channel extends into the interior of the sample container through the cap of the container, thereby providing fluidic communication between the collection channel and the sample container.

[0006d] In another aspect, there is provided a sample collection device for collecting sample resting on a surface of a subject, comprising: a body, containing a collection channel , the collection channel comprising a first opening and a second opening, and being configured to draw a bodily fluid via capillary action from the first opening towards the second opening; a base, containing a sample container for receiving the bodily fluid sample, the sample container being engageable with the collection channel, having an interior with a vacuum therein and having a cap configured to receive a channel; a support, and an adaptor channel, having a first opening and a second opening, the first opening being configured to contact the second opening of the collection channel, and the second opening being configured to penetrate the cap of the sample container, wherein, the body and the base are connected to opposite ends of the support, and are configured to be movable relative to each other, such that sample collection device is configured to have an extended state and a compressed state, wherein at least a portion of the base is closer to the body in the extended state of the device than in the compressed state, in the extended state of the device, the adaptor channel is not in contact with one or both of the collection channel and the interior of the sample container, and in the compressed state of the device, the first opening of the adaptor channel is in contact with the second opening of the

collection channel, and the second opening of the adaptor channel extends into the interior of the sample container through the cap of the container, thereby providing fluidic communication between the collection channel and the sample container.

[0006e] In another aspect, there is provided a device for collecting a fluid sample ~~from~~ resting on a surface of a subject, comprising: a body containing a collection channel, the collection channel comprising a first opening and a second opening, and being configured to draw a bodily fluid via capillary action from the first opening towards the second opening; a base, engageable with the body, wherein the base supports a sample container, the container being engageable with the collection channel, having an interior with a vacuum therein, and having a cap configured to receive a channel; wherein the second opening of the collection channel is configured to penetrate the cap of the sample container, and to provide a fluid flow path between the collection channel and the sample container.

[0006f] In another aspect, there is provided a device for collecting a fluid sample resting on a surface of~~from~~ a subject, comprising: a body containing a collection channel, the collection channel comprising a first opening and a second opening, and being configured to draw a bodily fluid via capillary action from the first opening towards the second opening; a base, engagable with the body, wherein the base supports a sample container, the sample container being engageable with the collection channel, having an interior with a vacuum therein and having a cap configured to receive a channel; and an adaptor channel, having a first opening and a second opening, the first opening being configured to contact the second opening of the collection channel, and the second opening being configured to penetrate the cap of the sample container.

[0007] In a still further aspect described herein, a method is provided comprising metering a minimum amount of sample into at least two channels by using a sample collection device with at least two of the sample collection channels configured to simultaneously draw the fluid sample into each of the at least two sample collection channels via a first type of motive force. After a desired amount of sample fluid has been confirmed to be in the collection channels, fluid communication is established between the sample collection channels and the sample containers, whereupon the containers provide a second motive force different from the

first motive force use to collect the samples to move bodily fluid sample from the channels into the containers. In some alternative embodiments, devices that use only a single channel to collect the body fluid or devices that have a plurality of channels but do not collect them simultaneously are not excluded. Optionally, the collection of sample fluid is performed without the use of a wicking material.

[0007a] In another aspect, there is provided a method comprising: contacting one end of a sample collection device to a bodily fluid sample to split the sample into at least two portions by drawing the sample into at least two collection channels of the sample collection device by way of a first type of motive force; establishing fluid communication between the sample collection channels and the sample containers after a desired amount of sample fluid has been confirmed to be in at least one of the collection channels, whereupon the containers provide a second motive force different from the first motive force to move each of the portions of bodily fluid sample into their respective containers.

[0007b] In another aspect, there is provided a method of collecting a bodily fluid sample, comprising: contacting a bodily fluid sample with a device comprising a collection channel, the collection channel comprising a first opening and a second opening, and being configured to draw a bodily fluid via capillary action from the first opening towards the second opening, such that the bodily fluid sample fills the collection channel from the first opening through the second opening; establishing a fluid flow path between the collection channel and the interior of a sample container , said sample container having an interior volume no greater than ten times larger than the interior volume of the collection channel and having a vacuum prior to establishment of the fluid flow path between the collection channel and the interior of the sample container, such that establishment of the fluid flow path between the collection channel and the interior of the sample container generates a negative pressure at the second opening of the collection channel, and the fluidic sample is transferred from the collection channel to the interior of the sample container.

[0007c] In another aspect, there is provided a method of collecting a bodily fluid sample, comprising: contacting a bodily fluid sample with a device such that the bodily fluid sample fills the collection channel from the first opening through the second opening of at least

one of the collection channel(s) in the device; and establishing a fluid flow path between the collection channel and the interior of the sample container , such that establishing a fluid flow path between the collection channel and the interior of the sample container generates a negative pressure at the second opening of the collection channel, and the fluidic sample is transferred from the collection channel to the interior of the sample container.

[0007d] In another aspect, there is provided a method for collecting a bodily fluid sample from a subject, comprising: bringing a device comprising a first channel and a second channel into fluidic communication with a bodily fluid from the subject, each channel having an input opening configured for fluidic communication with said bodily fluid, each channel having an output opening downstream of the input opening of each channel, and each channel being configured to draw a bodily fluid via capillary action from the input opening towards the output opening; bringing, through the output opening of each of the first channel and the second channel, said first channel and said second channel into fluidic communication with a first container and a second container, respectively; and directing said bodily fluid within each of said first channel and second channel to each of said first container and second container with the aid of: negative pressure relative to ambient pressure in said first container or said second container, wherein said negative pressure is sufficient to effect flow of said bodily fluid through said first channel or said second channel into its corresponding container, or positive pressure relative to ambient pressure upstream of said first channel or said second channel, wherein said positive pressure is sufficient to effect flow of said whole blood sample through said first channel or said second channel into its corresponding container.

[0007e] In another aspect, there is provided a method of manufacturing a sample collection device comprising: forming one portion of a sample collection device having at least two channels configured to simultaneously draw the fluid sample into each of the at least two sample collection channels via a first type of motive force; forming sample containers, whereupon the containers are configured to be coupled to the sample collection device to the provide a second motive force different from the first motive force use to collect the samples to move bodily fluid sample from the channels into the containers.

[0007f] In another aspect, there is provided computer executable instructions for

performing a method comprising: forming one portion of a sample collection device having at least two channels configured to simultaneously draw the fluid sample into each of the at least two sample collection channels via a first type of motive force.

[0007g] In another aspect, there is provided computer executable instructions for performing a method comprising: forming sample containers, whereupon the containers are configured to be coupled to the sample collection device to the provide a second motive force different from the first motive force use to collect the samples to move bodily fluid sample from the channels into the containers.

[0007h] In another aspect, there is provided a method comprising: contacting one end of a sample collection device to a bodily fluid; establishing fluid communication between one or more sample collection channels in fluid communication with one or more sample containers, whereupon the containers provide a second motive force different from the first motive force to move the bodily fluid sample into their respective containers.

[0007i] In another aspect, there is provided a device for collecting a bodily fluid sample for collecting sample a subject, the device comprising: a collection portion for drawing the bodily fluid sample into the device from a single end of the device in contact with the subject.

[0007j] In another aspect, there is provided a device for collecting a bodily fluid sample from a subject, the device comprising: a collection portion for drawing the bodily fluid sample into the device from a single end of the device in contact with the subject; a sample storage portion for receiving the fluid sample from the collection portion.

[0007k] In another aspect, there is provided a device for collecting a bodily fluid sample from a subject, the device comprising: means for drawing the bodily fluid sample into the device from a single end of the device in contact with the subject, thereby separating the fluid sample into two separate samples; means for transferring the fluid sample into a plurality of sample containers, wherein the containers provide a motive force to move a majority of the two separate samples from the pathways into the containers.

[0008] In one embodiment, there is a discrete amount of time between sample collection and introduction of the sample into a sample pre-processing device. In one non-

limiting example, the process is a non-continuous process. The sample collection occurs in one processing station and then the sample is taken to a second station. This second station may be in the sample building. Optionally, the second station may be located at another location where the sample needs to be walked, driven, flown, conveyor-ed, placed in a transport device, or placed in a transport container to reach the second location. In this manner, there is a discrete break in the processing to allow for time associated with sample transport.

[0009] In another embodiment herein, separator gel(s) can also be included in the sample containers such that the gels will separate cell-free fractions of whole blood from the cellular or other solid or semi-solid portions of the sample. Such a gel or other similar separator material

WHAT IS CLAIMED IS:

~~1. A device for collecting a bodily fluid sample from a subject, the device comprising:~~

~~at least two sample collection pathways configured to draw the bodily fluid sample into the device from a single end of the device in contact with the subject, thereby separating the fluid sample into two separate samples;~~

~~a second portion comprising a plurality of sample containers for receiving the bodily fluid sample collected in the sample collection pathways, the sample containers operably engagable to be in fluid communication with the sample collection pathways, whereupon when fluid communication is established, the containers provide a motive force to move a majority of the two separate samples from the pathways into the containers.~~

~~2~~1. A device for collecting a bodily fluid sample resting on a surface of a subject, the device comprising:

a first portion comprising at least one fluid collection location leading to at least two sample collection pathways configured to draw the fluid sample therein via a first type of motive force;

a second portion comprising a plurality of sample containers for receiving the bodily fluid sample collected in the sample collection pathways, the sample containers operably engagable to be in fluid communication with the sample collection pathways, whereupon when fluid communication is established, the containers provide a second motive force different from the first motive force to move a majority of the bodily fluid sample from the pathways into the containers;

wherein at least one of the sample collection pathways comprises a fill indicator to indicate when a minimum fill level has been reached and that at least one of the sample containers can be engaged to be in fluid communication with at least one of the sample collection pathways.

~~3~~2. A device for collecting a bodily fluid sample resting on a surface of a subject, the device comprising:

a first portion comprising at least two sample collection channels configured to draw the fluid sample into the sample collection channels via a first type of motive force, wherein one of the sample collection channels has an interior coating designed to mix with the

fluid sample and another of the sample collection channels has another interior coating chemically different from said interior coating;

a second portion comprising a plurality of sample containers for receiving the bodily fluid sample collected in the sample collection channels, the sample containers operably engagable to be in fluid communication with the collection channels, whereupon when fluid communication is established, the containers provide a second motive force different from the first motive force to move a majority of the bodily fluid sample from the channels into the containers;

wherein containers are arranged such that mixing of the fluid sample between the containers does not occur.

43. A device for collecting a bodily fluid sample resting on a surface of a subject, the device comprising:

a first portion comprising a plurality of sample collection channels, wherein at least two of the channels are configured to simultaneously draw the fluid sample into each of the at least two sample collection channels via a first type of motive force;

a second portion comprising a plurality of sample containers for receiving the bodily fluid sample collected in the sample collection channels, wherein the sample containers have a first condition where the sample containers are not in fluid communication with the sample collection channels, and a second condition where the sample containers are operably engagable to be in fluid communication with the collection channels, whereupon when fluid communication is established, the containers provide a second motive force different from the first motive force to move bodily fluid sample from the channels into the containers.

54. A sample collection device for collecting sample resting on a surface of a subject, comprising:

(a) a collection channel comprising a first opening and a second opening, and being configured to draw a bodily fluid sample via capillary action from the first opening towards the second opening; and

(b) a sample container for receiving the bodily fluid sample, the container being engagable with the collection channel, having an interior with a vacuum therein, and having a cap configured to receive a channel;

wherein the second opening is defined by a portion the collection channel configured to penetrate the cap of the sample container, and to provide a fluid flow path between the collection channel and the sample container, and

the sample container has an interior volume no greater than ten times larger than the interior volume of the collection channel.

~~65~~. A sample collection device for collecting sample resting on a surface of a subject, comprising:

(a) a collection channel comprising a first opening and a second opening, and being configured to draw a bodily fluid sample via capillary action from the first opening towards the second opening;

(b) a sample container for receiving the bodily fluid sample, the container being engageable with the collection channel, having an interior with a vacuum therein, and having a cap configured to receive a channel; and

(c) an adaptor channel configured to provide a fluid flow path between the collection channel and the sample container, having a first opening and a second opening, the first opening being configured to contact the second opening of the collection channel, the second opening being configured to penetrate the cap of the sample container..

~~76~~. A sample collection device for collecting sample resting on a surface of a subject, comprising:

(a) a body, containing a collection channel , the collection channel comprising a first opening and a second opening, and being configured to draw a bodily fluid via capillary action from the first opening towards the second opening;

(b) a base, containing a sample container for receiving the bodily fluid sample, the sample container being engageable with the collection channel, having an interior with a vacuum therein, and having a cap configured to receive a channel; and

(c) a support,

wherein,

the body and the base are connected to opposite ends of the support, and are configured to be movable relative to each other, such that sample collection device is configured to have an extended state and a compressed state, wherein at least a portion of the base is closer to the body in the extended state of the device than in the compressed state,

the second opening of the collection channel is configured to penetrate the cap of the sample container,

in the extended state of the device, the second opening of the collection channel is not in contact with the interior of the sample container, and

in the compressed state of the device, the second opening of the collection channel extends into the interior of the sample container through the cap of the container, thereby providing fluidic communication between the collection channel and the sample container.

~~87~~. A sample collection device for collecting sample resting on a surface of a subject, comprising:

(a) a body, containing a collection channel , the collection channel comprising a first opening and a second opening, and being configured to draw a bodily fluid via capillary action from the first opening towards the second opening;

(b) a base, containing a sample container for receiving the bodily fluid sample, the sample container being engageable with the collection channel, having an interior with a vacuum therein and having a cap configured to receive a channel;

(c) a support, and

(d) an adaptor channel, having a first opening and a second opening, the first opening being configured to contact the second opening of the collection channel, and the second opening being configured to penetrate the cap of the sample container,

wherein, the body and the base are connected to opposite ends of the support, and are configured to be movable relative to each other, such that sample collection device is configured to have an extended state and a compressed state, wherein at least a portion of the base is closer to the body in the extended state of the device than in the compressed state, in the extended state of the device, the adaptor channel is not in contact with one or both of the collection channel and the interior of the sample container, and in the compressed state of the device, the first opening of the adaptor channel is in contact with the second opening of the collection channel, and the second opening of the adaptor channel extends into the interior of the sample container through the cap of the container, thereby providing fluidic communication between the collection channel and the sample container.

~~98~~. A device for collecting a fluid sample ~~from~~ resting on a surface of a subject, comprising:

(a) a body containing a collection channel, the collection channel comprising a first opening and a second opening, and being configured to draw a bodily fluid via capillary action from the first opening towards the second opening;

(b) a base, engageable with the body, wherein the base supports a sample container, the container being engageable with the collection channel, having an interior with a vacuum therein, and having a cap configured to receive a channel;

wherein

the second opening of the collection channel is configured to penetrate the cap of the sample container, and to provide a fluid flow path between the collection channel and the sample container.

~~109~~. A device for collecting a fluid sample ~~from~~ resting on a surface of a subject, comprising:

(a) a body containing a collection channel, the collection channel comprising a first opening and a second opening, and being configured to draw a bodily fluid via capillary action from the first opening towards the second opening;

(b) a base, engagable with the body, wherein the base supports a sample container, the sample container being engageable with the collection channel, having an interior with a vacuum therein and having a cap configured to receive a channel; and

(c) an adaptor channel, having a first opening and a second opening, the first opening being configured to contact the second opening of the collection channel, and the second opening being configured to penetrate the cap of the sample container.

~~110~~. The device of any one of the foregoing claims, wherein the body comprises two collection channels.

~~111~~. The device of any one of the foregoing claims, wherein the interior of the collection channel(s) are coated with an anticoagulant.

~~112~~. The device of claim ~~109~~, wherein the body comprises a first collection channel and a second collection channel, and the interior of the first collection channel is coated with a different anticoagulant than the interior of the second collection channel.

~~14~~13. The device of claim ~~11~~10, wherein the first anticoagulant is ethylenediaminetetraacetic acid (EDTA) and the second anticoagulant is different from EDTA.

~~15~~14. The device of claim ~~11~~10, wherein the first anticoagulant is citrate and the second anticoagulant is different from citrate.

~~16~~15. The device of claim ~~11~~10, wherein the first anticoagulant is heparin and the second anticoagulant is different from heparin.

~~17~~16. The device of any one of the foregoing claims, wherein the body is formed from an optically transmissive material.

~~18~~17. The device of any one of the foregoing claims wherein the device includes the same number of sample containers as collection channels.

~~19~~18. The device of any one of claims 43, 65, or ~~8-14~~7-13, wherein the device includes the same number of adaptor channels as collection channels.

~~20~~19. The device of any one of the foregoing claims, wherein the base contains an optical indicator that provides a visual indication of whether the sample has reached the sample container in the base.

~~21~~20. The device of claim ~~16~~15, wherein the base is a window that allows a user to see the container in the base.

~~22~~21. The device of any one of claims ~~5~~4, 65, or ~~9-17~~8-16, wherein the support comprises a spring, and spring exerts a force so that the device is at the extended state when the device is at its natural state.

~~23~~22. The device of any one of the foregoing claims, wherein the second opening of the collection channel or the adaptor channel is capped by a sleeve, wherein said sleeve does not prevent movement of bodily fluid via capillary action from the first opening towards the second opening.

~~24~~23. The device of claim ~~19~~18, wherein the sleeve contains a vent.

~~25~~24. The device of any one of the foregoing claims, wherein each collection channel can hold a volume of no greater than 500 uL.

~~26~~25. The device of any one of the foregoing claims, wherein each collection channel can hold a volume of no greater than 200 uL.

~~27~~26. The device of any one of the foregoing claims, wherein each collection channel can hold a volume of no greater than 100 uL.

~~28~~27. The device of any one of the foregoing claims, wherein the internal perimeter of a cross-section of each collection channel is no greater than 16 mm.

~~29~~28. The device of any one of the foregoing claims, wherein the internal perimeter of a cross-section of each collection channel is no greater than 8 mm.

~~30~~29. The device of any one of the foregoing claims, wherein the internal perimeter of a cross-section of each collection channel is no greater than 4 mm.

~~31~~30. The device of any of the foregoing claims, wherein the internal perimeter is a circumference.

~~32~~31. The device of any of the foregoing claims, wherein the device comprises a first and a second collection channel, and the opening of the first channel is adjacent to an opening of said second channel, and the openings are configured to draw blood simultaneously from a single drop of blood.

~~33~~32. The device of claim ~~28~~27, wherein the opening of the first channel and the opening of the second channel have a center-to-center spacing of less than or equal to about 5 mm.

~~34~~33. The device of any of the foregoing claims, wherein each sample container has an interior volume no greater than twenty times larger than the interior volume of the collection channel with which it is engagable.

~~35~~34. The device of claim ~~30~~29, wherein each sample container has an interior volume no greater than ten times larger than the interior volume of the collection channel with which it is engagable.

~~36~~35. The device of claim ~~31~~30, wherein each sample container has an interior volume no greater than five times larger than the interior volume of the collection channel with which it is engagable.

~~37~~36. The device of claim ~~32~~31, wherein each sample container has an interior volume no greater than two times larger than the interior volume of the collection channel with which it is engagable.

~~38~~37. The device of any one of the foregoing claims, wherein establishment of fluidic communication between the collection channel and the sample container results in transfer of at least 90% of the bodily fluid sample in the collection channel into the sample container.

~~39~~38. The device of claim ~~34~~33, wherein establishment of fluidic communication between the collection channel and the sample container results in transfer of at least 95% of the bodily fluid sample in the collection channel into the sample container.

~~40~~39. The device of claim ~~35~~34, wherein establishment of fluidic communication between of the collection channel and the sample container results in transfer of at least 98% of the bodily fluid sample in the collection channel into the sample container.

~~41~~40. The device of any one of the foregoing claims, wherein establishment of fluidic communication between the collection channel and the sample container results in transfer of the bodily fluid sample into the sample container and in no more than ten uL of bodily fluid sample remaining in the collection channel.

~~42~~41. The device of ~~any one of~~ claim~~s~~ ~~37~~36, wherein establishment of fluidic communication between the collection channel and the sample container results in transfer of the bodily fluid sample into the sample container and in no more than five uL of bodily fluid sample remaining in the collection channel.

~~4342~~. The device of ~~any one of~~ claim~~s~~ ~~3938~~, wherein engagement of the collection channel with the sample container results in transfer of the bodily fluid sample into the sample container and in no more than 2 uL of bodily fluid sample remaining in the collection channel.

~~4443~~. A method comprising:

contacting one end of a sample collection device to a bodily fluid sample to split the sample into at least two portions by drawing the sample into at least two collection channels of the sample collection device by way of a first type of motive force;

establishing fluid communication between the sample collection channels and the sample containers after a desired amount of sample fluid has been confirmed to be in at least one of the collection channels, whereupon the containers provide a second motive force different from the first motive force to move each of the portions of bodily fluid sample into their respective containers.

~~4544~~. A method comprising:

metering a minimum amount of sample into at least two channels by using a sample collection device with at least two of the sample collection channels configured to simultaneously draw the fluid sample into each of the at least two sample collection channels via a first type of motive force;

after a desired amount of sample fluid has been confirmed to be in the collection channels, fluid communication is established between the sample collection channels and the sample containers, whereupon the containers provide a second motive force different from the first motive force use to collect the samples to move bodily fluid sample from the channels into the containers.

~~4645~~. A method of collecting a bodily fluid sample, comprising:

(a) contacting a bodily fluid sample with a device comprising a collection channel, the collection channel comprising a first opening and a second opening, and being configured to draw a bodily fluid via capillary action from the first opening towards the second opening, such that the bodily fluid sample fills the collection channel from the first opening through the second opening;

(b) establishing a fluid flow path between the collection channel and the interior of a sample container , said sample container having an interior volume no greater than ten times larger than the interior volume of the collection channel and having a vacuum prior to establishment of the fluid flow path between the collection channel and the interior of the sample container, such that establishment of the fluid flow path between the collection channel and the interior of the sample container generates a negative pressure at the second opening of the collection channel, and the fluidic sample is transferred from the collection channel to the interior of the sample container.

~~47~~46. A method of collecting a bodily fluid sample, comprising:

(a) contacting a bodily fluid sample with a device of any one of claims 1-~~37~~36, such that the bodily fluid sample fills the collection channel from the first opening through the second opening of at least one of the collection channel(s) in the device; and

(b) establishing a fluid flow path between the collection channel and the interior of the sample container , such that establishing a fluid flow path between the collection channel and the interior of the sample container generates a negative pressure at the second opening of the collection channel, and the fluidic sample is transferred from the collection channel to the interior of the sample container.

~~48~~47. The method of any of claims ~~40-42~~39-41, wherein the collection channel and the interior of the sample container are not brought into fluid communication until the bodily fluid reaches the second opening of the collection channel.

~~49~~48. The method of any of claims ~~40-43~~39-42, wherein the device comprises two collection channels, and the collection channels and the interior of the sample containers are not brought into fluidic communication until the bodily fluid reaches the second opening of both collection channels.

~~50~~49. The method of any one of claims ~~40-44~~39-43, wherein the second opening of the collection channel in the device is configured to penetrate the cap of the sample container, and wherein a fluidic flow path between the second opening of the collection channel and the sample container is established by providing relative movement between the second opening of the

collection channel and the sample container, such that the second opening of the collection channel penetrates the cap of the sample container.

~~51~~50. The method of any one of claims ~~40-45~~39-44, wherein the device comprises an adaptor channel for each collection channel in the device, the adaptor channel having a first opening and a second opening, the first opening being configured to contact the second opening of the collection channel, and the second opening being configured to penetrate the cap of the sample container, and wherein a fluidic flow path between the collection channel and the sample container is established by providing relative movement between two or more of: (a) the second opening of the collection channel, (b) the adaptor channel, and (c) the sample container, such that the second opening of the adaptor channel penetrates the cap of the sample container.

~~52~~51. A method for collecting a bodily fluid sample from a subject, comprising:

(a) bringing a device comprising a first channel and a second channel into fluidic communication with a bodily fluid from the subject, each channel having an input opening configured for fluidic communication with said bodily fluid, each channel having an output opening downstream of the input opening of each channel, and each channel being configured to draw a bodily fluid via capillary action from the input opening towards the output opening;

(b) bringing, through the output opening of each of the first channel and the second channel, said first channel and said second channel into fluidic communication with a first container and a second container, respectively; and

(c) directing said bodily fluid within each of said first channel and second channel to each of said first container and second container with the aid of:

(i) negative pressure relative to ambient pressure in said first container or said second container, wherein said negative pressure is sufficient to effect flow of said bodily fluid through said first channel or said second channel into its corresponding container, or

(ii) positive pressure relative to ambient pressure upstream of said first channel or said second channel, wherein said positive pressure is sufficient to effect flow of said whole blood sample through said first channel or said second channel into its corresponding container.

~~53. A method of manufacturing a sample collection device comprising:~~

~~forming one portion of a sample collection device having at least two channels configured to simultaneously draw the fluid sample into each of the at least two sample collection channels via a first type of motive force;~~

~~forming sample containers, whereupon the containers are configured to be coupled to the sample collection device to the provide a second motive force different from the first motive force use to collect the samples to move bodily fluid sample from the channels into the containers.~~

~~54. Computer executable instructions for performing a method comprising:~~

~~forming one portion of a sample collection device having at least two channels configured to simultaneously draw the fluid sample into each of the at least two sample collection channels via a first type of motive force.~~

~~55. Computer executable instructions for performing a method comprising:~~

~~forming sample containers, whereupon the containers are configured to be coupled to the sample collection device to the provide a second motive force different from the first motive force use to collect the samples to move bodily fluid sample from the channels into the containers.~~

~~56. A method comprising:~~

~~contacting one end of a sample collection device to a bodily fluid;~~

~~establishing fluid communication between one or more sample collection channels in fluid communication with one or more sample containers, whereupon the containers provide a second motive force different from the first motive force to move the bodily fluid sample into their respective containers.~~

~~57. A device for collecting a bodily fluid sample from a subject, the device comprising:~~

~~a collection portion for drawing the bodily fluid sample into the device from a single end of the device in contact with the subject.~~

~~58. A device for collecting a bodily fluid sample from a subject, the device comprising:~~

~~a collection portion for drawing the bodily fluid sample into the device from a single end of the device in contact with the subject;~~

~~a sample storage portion for receiving the fluid sample from the collection portion.~~

~~59. A device for collecting a bodily fluid sample from a subject, the device comprising:~~

~~means for drawing the bodily fluid sample into the device from a single end of the device in contact with the subject, thereby separating the fluid sample into two separate samples;~~ ~~means for transferring the fluid sample into a plurality of sample containers, wherein the containers provide a motive force to move a majority of the two separate samples from the pathways into the containers.~~