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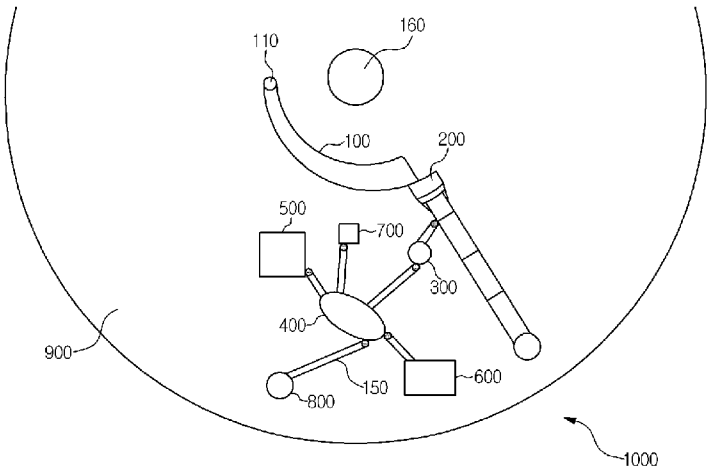
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(54) Title: CENTRIFUGAL MICRO-FLUIDIC DEVICE AND METHOD FOR IMMUNOASSAY

[Fig. 1]



(57) Abstract: A centrifugal micro-fluidic device and an immunoassay method using the same are provided. The micro-fluidic device includes at least one micro-fluidic structure, the micro-fluidic structure including: a sample chamber receiving a fluid sample; a first reaction chamber which is connected with the sample chamber and contains at least one labeling conjugate; a second reaction chamber which is connected with the first reaction chamber and contains a capture binder; a buffer chamber which is connected with the second reaction chamber and contains an elution buffer; a detection chamber which is connected with the second reaction chamber and receives the at least one labeling conjugate; a plurality of channels through which the first reaction chamber, second reaction chamber, buffer chamber and detection chamber are interconnected; and at least one valve which is positioned in at least one of the plurality of channels, and opens and closes the channel

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