WHAT IS CLAIMED IS:

1. A container, comprising:

a body;~~ and,~~

a closure comprising~~;~~

~~wherein the closure has~~ a lid hinged to ~~a ring mounted on~~ the body, the lid moveable from an open position to a closed position;

~~wherein the lid has~~ a tab hinged ~~there~~to the lid; and~~for:~~

a projection extending from the body, the projection having~~inserting into and engaging~~ a slot formed therein and a pin formed thereon;

wherein the tab secures~~ring as~~ the lid in~~is moved to~~ the closed position according to (i) a first mechanism wherein the tab engages the slot, or (ii) a second mechanism wherein the tab~~from the open position to thereby lock the lid in the closed position; or, receiving and~~ engages~~ing~~ a pin head of the~~a~~ pin;~~ mounted on the ring in a hole formed in the tab to thereby hold the lid in the closed position,~~

wherein the pin is configured to detach from the projection~~ring~~ when the tab and lid are returned to the open position.

2. The container of claim 1, further comprising an inwardly-projecting recess formed in a base of the body that aligns~~for mating~~ the container with test equipment.

3. The container of claim 2, further comprising a test element disposed in the inwardly-projecting recess.

4. The container of claim 3, wherein~~such that~~ at least a portion of the test element is in contact with a sample placed in the body.

5~~4~~. The container of claim ~~4~~3, wherein at least a portion of the test element is elevated above~~separated from~~ an inside surface of~~in contact with~~ the base.

6~~5~~. The container of claim 3, wherein the test element is in contact with the test equipment.

7~~6~~. The container of claim 6~~5~~, wherein the contact includes optical communication with the test equipment.

8~~7~~. The container of claim 3, wherein the test element is integrated with material of the container.

9~~8~~. The container of claim 3, wherein the test element comprises a material different from that of the container.

10. The container of claim 3, wherein the inwardly-projecting recess provides optical alignment of the test element with the test equipment.

11. The container of claim 3, wherein the test element comprises a siloxane material.

12. A container, comprising:

a body;

a closure comprising a lid hinged to the body, the lid moveable from an open position to a closed position;

a test element disposed in a base of the body such that at least a portion of the test element is in contact with a sample placed in the body;

a tab hinged to the lid; and

a projection extending from the body, the projection having a slot formed therein and a pin formed thereon;

wherein the tab secures the lid in the closed position according to (i) a first mechanism wherein the tab engages the slot, or (ii) a second mechanism wherein the tab engages a pin head of the pin;

wherein the pin is configured to detach from the projection when the tab and lid are returned to the open position.

13. The container of claim 12, further comprising an inwardly-projecting recess formed in the base of the body that aligns the container with test equipment.

14. The container of claim 12, wherein at least a portion of the test element is elevated above an inside surface of the base.

15. The container of claim 13, wherein the test element is disposed with the inwardly-projecting recess.

16. The container of claim 13, wherein the inwardly-projecting recess provides optical alignment of the test element with the test equipment.

17. The container of claim 16, wherein the test element is in optical communication with the test equipment.

18. The container of claim 12, wherein the test element is integrated with material of the container.

19. The container of claim 12, wherein the test element comprises a material different from that of the container.

20. The container of claim 12, wherein the test element comprises a siloxane material.

~~9. A method for storing a sample in a container having a lid, comprising:~~

~~initially providing the container with the lid in a closed position, the container having a first indicator confirming that the lid has not been opened; and,~~

~~opening the lid, placing the sample in the container, and closing the lid, including causing the first indicator to indicate that the lid has been opened and causing a second indicator to indicate a closed state of the lid after a single opening.~~

~~10. The method of claim 9, wherein the first indicator is indicative of a condition of an interior of the container prior to opening the lid and wherein the second indicator is indicative of tampering with the sample.~~

~~11. A method for testing a sample for the presence of a molecule of interest, comprising:~~

~~combining in the container of claim 3 the sample and a substance that can react with the molecule of interest to produce an analyte;~~

~~placing the container in test equipment such that the test element is in optical communication with the test equipment; and,~~

~~optically detecting presence of the analyte when it has partitioned into the test element;~~

~~wherein detection of the analyte in the test element indicates presence of the molecule of interest in the sample.~~

~~12. The method of claim 11, wherein sample and the substance are combined in the container in a liquid phase and partitioning includes the analyte moving from the liquid phase into the test element.~~

~~13. The method of claim 11, wherein the molecule of interest is an enzyme and the substance includes a substrate for the enzyme.~~

~~14. The method of claim 13, wherein the enzyme is associated with a microorganism.~~

~~15. The method of claim 14, wherein the microorganism is a biological contaminant.~~

~~16. The method of claim 15, wherein the biological contaminant is a coliform bacteria.~~