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one type of indicator material, wherein a presence of the at least one type of indicator material at the at least one binding area indicates an absence of the target analyte, and

a validation area comprising a ligand or the at least one type of binder material that selectively binds to the at least one type of indicator material to confirm that the at least one type of indicator material properly flowed across the analyte testing unit under capillary action.

2. The system of claim 1 wherein the at least one type of indicator material comprises a ligand and a label that can be measured or visualized based on color.

3. The system of claim 2, wherein the label comprises an agent selected from a group comprising a gold colloid, latex nanoparticles, iron nanoparticles, an enzyme, a fluorescent material, and a chemiluminescent material.

4. The system of claim 2, wherein the label is directly or indirectly linked to the ligand.

5. The system of claim 2 wherein the ligand comprises a chemical substance that selectively binds with the at least one analyte, the binder material or both the at least one analyte and the binder material.

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6. The system of claim 2 wherein the at least one analyte comprises a chemical substance that selectively binds with the ligand, the binder material or both the ligand and the binder material.

7. The system of claim 2 wherein the binder material comprises a chemical substance that selectively binds with the ligand, the indicator material or both the ligand and the at least one type of indicator material.

8. The system of claim 1, comprising:

a filtering unit attached to an inner surface of the sample inlet to filter the sample liquid received from the sample collection unit.

9. The system of claim 1, further comprising:

a sample collector receiving unit positioned on a same side of the sample well as and parallel to the analyte testing unit housing such that the sample collection unit can be inserted into the sample collector receiving unit from above to cause the sample inlet to receive the collected sample.

10. The system of claim 1, wherein the first and the second test strips are positioned to allow the sample liquid to flow from the second test strip to the first test strip by capillary action.

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