

17

fluid channel with the assay assembly, wherein the waste chamber comprises the absorbent material.

17. The method of claim **15**, wherein said absorbent material is selected from the group consisting of glass fiber, silica, paper, polyacrylamide gel, agarose, or agar.

18. The method of claim **17**, wherein said quenching agent is 4-amino-1,11-azobenzene-3,41-disulfonic acid and said enzyme conjugate is an alkaline phosphatase-labeled reagent.

18

19. The method of claim **15**, wherein said assay assembly is adapted to run an immunoassay.

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