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(54) **ASSAY CARTRIDGES AND METHODS OF USING THE SAME**

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(57) **ABSTRACT**

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Assay cartridges are described that have a detection chamber, preferably having integrated electrodes, and other fluidic components which may include sample chambers, waste chambers, conduits, vents, bubble traps, reagent chambers, dry reagent pill zones and the like. In certain embodiments, these cartridges are adapted to receive and analyze a sample collected on an applicator stick. Also described are kits including such cartridges and a cartridge reader configured to analyze an assay conducted using an assay cartridge.

Related U.S. Application Data

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