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TEST STRIPS HAVING A PLURALITY OF REACTION ZONES AND METHODS FOR USING AND MANUFACTURING THE SAME

Abstract of the Disclosure

Test strips, and methods for their manufacture and use in the determination of the concentration of at least one analyte in a physiological sample are provided. The subject test strips have a plurality of reaction zones defined by a hydrophobic barrier. The reagent compositions present in each reaction zone may be the same or different. In addition, each reaction zone may have a separate fluid channel, or two or more of the reaction zones may have separate channels that merge into a single channel. In use, sample is applied to a subject test strip, a signal is detected and then related to the amount of analyte in the sample. Also provided are methods for manufacturing the subject test strips using thermal transfer technology to apply the hydrophobic barrier. Finally, kits are provided for use in practicing the subject methods.