



TMB Small Particle One Component



HRP Membrane Substrate

9924 West 74th Street
Eden Prairie, MN 55344

Product Description:

TMB Small Particle One Component HRP Membrane Substrate contains 3,3',5,5'-tetramethylbenzidine in a mildly acidic buffer. The substrate is supplied as a ready to use solution. Unreacted substrate should be faint yellow to pink in appearance. When this substrate system is reacted with peroxidase, an insoluble permanent dark blue reaction product is obtained. This substrate is not recommended for microwell applications.

Hazard Identification:

TMB Small Particle One Component HRP Membrane Substrate does not contain hazardous materials. Please refer to the MSDS for additional information.

Product Stability, Storage and Specifications:

TMB Small Particle One Component HRP Membrane Substrate is stable for a minimum of 2 years from the date of manufacturer when stored at 2°C - 25°C. Storage is recommended at 2°C - 25°C. This substrate is light sensitive and should be protected from direct sunlight and UV sources. Over time, some flocculent material may appear; however, this does not affect product performance.

Product Use:

TMB Small Particle One Component HRP Membrane Substrate is supplied as a ready to use solution. The product should be allowed to equilibrate to room temperature (25°C) prior to use. For use, completely cover the membrane surface with substrate. The substrate system will react with sites on the membrane containing peroxidase producing an insoluble permanent dark blue reaction product. To stop the reaction, rinse the membrane with reagent quality water. The reaction should be monitored and read before the background color becomes to intense which may result in diminished contrast between the positive and background staining. Dilution of the substrate is not recommended. To reduce the intensity of a reaction, it is recommended that the antibodies or conjugates be diluted.

For technical assistance please call +49 (0) 761-47979-0



This product is distributed by

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