



Stop Solution for TMB Substrate

DPSS (50CC), DPSS (1000 CC)

Diagnopal Dynabioassay product's Stop Solution for TMB Substrate is specifically formulated to terminate the HRP/TMB reaction and stabilize the color development for ELISA applications. TMB is a chromogenic substrate used in ELISA. TMB can act as a proton donor for the reduction of hydrogen peroxide to water by peroxidase enzymes such as HRP. The resulting diamine causes the solution to take on a blue color, and this color change can be read at 650 nm. The reaction can be stopped by addition of stop reagent, and the color turns from blue to yellow with 2-3-fold increased absorbance values at 450 nm.

Specification

Stability and storage	The product should be kept at 2-8 °C. In refrigerated condition it is stable for 3 years from date of manufacture.
Specification.	Protein: NONE
	Product Buffer: NONE
	pH: 1-2
	Preservative: NONE
	Acceptable Diluents: Do not dilute
	Dry weight(gr/mL): not applicable
	Shipment Temperature: RT
Notes	Keep product away from freezing, Direct sun light and heat. 12 months of storage of un-opened products in Dark and RT will not affect the product quality.
Available forms	Ready to use

Recommendation for use: Each lot of Stop Solution for TMB (3,3',5,5'-tetramethylbenzidine) Substrate has been tested by ELISA. The TMB stop solution will stop TMB and HRP (horseradish peroxidase) reaction by adding the same volume as the TMB substrate added to each well. Addition of stop solution changes the color from blue to yellow. Read absorbance at 450 nm within 60 minutes. If the reader can read at 570 nm, the absorbance at 570 nm can be subtracted from the absorbance at 450 nm.

Note: Read the results in 10 min after stopping.

This product is for research and/or further manufacture use only and is not for human therapeutic or consume purpose. Sales without any seller's warranty or representation. No claims for replacement or refund of purchase shall be allowed. All claims must be made within 30 following date of delivery.



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