FT-S51681

TMB ELISA Stop solutions

Products Description

High quality Stop solutions to stop peroxidase/TMB reaction in micrwell immunoassays.

The following Stop Reagents are propriety formulations intended for Microwell immunoassays , to stop Peroxydase/TMB substrate reactions in the blue or yellow spectral range before OpticalDensity reading:
•650 nm Stop Reagents stop TMB microwell substrate reactions without causing a color or absorbance change. The blue color is read in at 650 nm. It is available as a dry Blend, and a ready to use solution.
•450 nm Stop Reagents stop TMB microwell substrate reactions causing a color change from blue to yellow. The yellow color is read in at 450 nm. It is available as a ready to use solution, and a unique formulation (NovaStop):
Nova-Stop Solution for TMB MicrowellSubstrates is a patented acidic formulation used to stop TMB substrate reactions and change the chromogen from blue to yellow in color. Compared to sulfuric or hydrochloric acids, 450 nmLiquid Nova-Stop Solution produces a more stable signal. It is also non-corrosive to skin and eyes. U.S. Patent No.8,927,226

Product name:

	Purchase number	,size		
TMB Stop Solution, 650nm reading, Dry Blend Powder				
	S5168F	BSTP-0100-01, 100ml	*S5168G*	BSTP-1000-01, 1L
TMB Stop Solution, 650nm reading, Liquid				
	S51681	LBSP-0100-01, pack for 100ml	*S51682*	LBSP-1000-01, pack for 1L
TMB Stop Solution, 450nm reading, Dry Blend Powder				
	S2959C	STPR-0100-01, 100ml	*S2959D*	STPR -1000-01, 1L
TMB Stop Solution, 450nm reading, Liquid				
	S2959F	LSTP-0100-01, 100ml	*S2959G*	LSTP-1000-01, 1L
TMB Stop Solution, 450nm reading, Liquid Nova-Stop				
	0C3440	NSTP-0100-01, 100ml	*0C3441*	NSTP-1000-01, 1L

Products stability: 3 years from the date of manufacture.
Storage: Storage recommendations are 2-25°C. Avoid exposure to moisture.
Specification: Stop HRP/TMB reaction and coloration:
Blue color is read at 620-650 nm.
Yellow color is read at 450 nm.

Directions for use

* Stop TMB/peroxidase reactions:

Add equal volumes of substrate and ready-to-use stop solution
(i.g. 100µl + 100µL strop solution per ELISA MiroWells)

* For dry Blends, prepare ready-to-use solution (LBSP, STPR):

1) **Add distilled or deionized water** to dissolve: 100 mL or 1L of water depending on pack size
Add 100 mL of distilled or deionized water to dissolve BSTP - 0100 - 01 .
Add 1 L of distilled or deionized water to dissolve BSTP - 1000 - 01.
2) Mix until dissolved.
This may take 5 minutes (BSTP) or 15-20min (STPR) to 15-20 minutes based on mixing rate.
3) The Stop solution is ready to stop the TMB reaction
Note: Excess solution may be stored on or few days in the fridge.
However it is recommended to prepare only require quantity.

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Related products & Categories

See the BioSciences catalogue
TMB Substrates for ELISA: see pages A147-148
Other immunoassay reagents: see pages A54-A193 including other HRPeroxidase substrates (colorimetric, fluorimetric, luminescent: pages A136-A139), coating solutions, saturating agents, buffers, diluants,…)

Ordering information

Please contact InterBioTech – Interchim for any other information
Hotline : +33(0)4 70 03 73 06 – Interbiotech@interchim.com

Catalog size quantities and prices may be found at http://www.interchim.com.
Please inquire for higher quantities (availability, shipment conditions).

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Rev.R09E

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