

U-CyTech BV

Yalelaan 48
3584 CM Utrecht
The Netherlands
P +31.30.253 5960
F +31.30.253 9344
INFO@ucytech.com
www.ucytech.com

Data sheet TMB substrate solution

Cat. No.:	CT383
Specificity:	3,3',5,5'-Tetramethylbenzidine (TMB) is a robust ready-to-use chromogenic substrate solution suitable for use in ELISA procedures.
Application:	The product is ready-to-use. Allow the solution to reach room temperature before use. Add 100 µl TMB substrate solution/well and incubate at room temperature in the dark (color development between 15 and 25 minutes). The substrate produces a soluble end product that is blue in color and can be read spectrophotometrically at 370 or 655 nm. The reaction can be stopped by adding 100 µl 0.18 M H ₂ SO ₄ /well (resulting in a yellow solution that can be read at 450 nm). The TMB substrate solution should be used in combination with SPP conjugate (CT357) or other Streptavidin-HRP conjugates.
Contents:	30 ml TMB substrate solution.
Sterility:	-
Packaging:	30 ml opaque amber bottle with amber closure.
Storage:	Stable at 4 °C until the expiry date (indicated on the vial). Avoid exposure to light, heat and contamination with metal ions or peroxidase.
General:	A clear colorless solution.
Safety:	The product is not classified as hazardous according to Regulation (EC) no. 1272/2008 and to Directive 1999/45/EC and its amendments. Consult the material safety data sheet (MSDS) for further information regarding hazards and safe handling practices. The MSDS can be found on our website www.ucytech.com .



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ANIARA DIAGNOSTICA LLC

+1 (513) 770-1991 | +1 (866) 783-3797
7768 Service Center Drive
West Chester, OH 45069
info@aniara.com

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