

**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

<b>Cat. No.:</b>	CT383
<b>Specificity:</b>	3,3',5,5'-Tetramethylbenzidine (TMB) is a robust ready-to-use chromogenic substrate solution suitable for use in ELISA procedures.
<b>Application:</b>	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 <sub>2</sub> SO <sub>4</sub> /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.
<b>Contents:</b>	30 ml TMB substrate solution.
<b>Sterility:</b>	-
<b>Packaging:</b>	30 ml opaque amber bottle with amber closure.
<b>Storage:</b>	Stable at 4 °C until the expiry date (indicated on the vial). Avoid exposure to light, heat and contamination with metal ions or peroxidase.
<b>General:</b>	A clear colorless solution.
<b>Safety:</b>	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 <a href="http://www.ucytech.com">www.ucytech.com</a> .



For research use only

PROUDLY DISTRIBUTED BY  **ANIARA**  
ANIARA DIAGNOSTICA LLC

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

Version 130731