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Data sheet TMB substrate ELISPOT

Cat. No CT393

Specificity 3,3',5,5'-Tetramethylbenzidine (TMB) is a ready-to-use chromogenic substrate solution suitable for use in ELISPOT assays.

Application The product is ready to use.

Allow the solution to reach room temperature (RT; 20-26 °C) before use.

Add 50 µl TMB substrate solution/well and incubate for 30 min at room temperature in the dark.

Stop the reaction by emptying the ELISPOT plate and thoroughly rinse both sides of the PVDF membrane with demineralized water.

The TMB substrate should be used in combination with streptavidin-HRP conjugate (CT394).

Contents 27 ml TMB substrate solution

Sterility -

Packaging Opaque amber bottle

Storage Stable at 2 to 8 °C until the expiration date (printed on the vial). Avoid exposure to light, heat and contamination with metal ions or peroxidase.

General A clear colorless solution

Safety TMB substrate is for professional use only. Follow general safety rules for laboratories.

The product is not classified as hazardous according to Regulation (EC) No 1272/2008.

First aid In case of contact with skin, remove contaminated clothing/shoes and wash contaminated area with water (or shower). Upon contact with eyes, rinse eyes with plenty of water for several minutes. Ensure adequate flushing by spreading the eyelids. After inhalation, provide fresh air. If swallowed, rinse mouth (if person is conscious) with plenty of water for several minutes and allow the person drink water (maximum two glasses).

In case of skin or eye irritation, if breathing becomes difficult or feeling unwell or concerned, consult physician and show SDS.

Refer the safety data sheet (SDS) for further information regarding hazards and safe handling practices. The SDS can be found on our website www.ucytech.com.

