
ABTS Substrate Solution

Description

- Name:** Ready-to-use One component substrate for immobilized peroxidase, containing ABTS , 1.46 mMol L⁻¹, in a citrate buffer, pH 4.0. Also contains stabilizers.
- Cat;Number:** UP73255, 100ml, UP732551, 500ml
- Storage :** Stable one year at room temperature or more when refrigerated. Protect from direct sunlight. Keep at +2-8°C for long term storage. It must be warmed to assay temperature prior to use.

Technical information

Our ABTS substrate solution is a ready-to-use one component reagent specially formulated for the detection of immobilized peroxidase in ELISA systems. It contains ABTS (2'.2'-Azinobis(3-ethylBenzoThiazoline-6-Sulfonic acid), buffering components and proprietary enhancers.

After completion of analyte binding to solid phase (microplate ELISA) and reaction with an HRP labeled probe (antibody), ABTS solution is added (150µl/well). It must be warmed to assay temperature prior to use. Oxidation of ABTS produces a blue-green reaction product that is measured at 405-410 nm. The colour formation as a function of time can be recorded or the reaction may be stopped by addition of acid. The reaction can be stopped with a solution of Oxalic acid (0.625 M) but other acids may be employed, and we recommend for optimal result our reagent # CB0091.

Related products:

ABTS HRP MicroWell Enhancer	CB0071 , 10ml	
ABTS Microwell Stop solution	CB0091 , 100ml	CB0092, 1L
ADHP HRP red fluorescent substrate	39423B , 25mg	

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For any question,
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