

ABTS Buffer

Cat. No. CSUB-0469

Lot. No. (See product label)

Introduction

Applications ABTS Buffer is a solvent for ABTS. ABTS solution is the ideal substrate solution for enzyme immunoassays with horseradish peroxidase (HRP) as a marker enzyme. Because of the high sensitivity of the reaction, autoreaders will often display "over" after several minutes.

Product Information

Form powder

Substrates Peroxidase Substrates

Usage and Packaging

Preparation Working solution: Dissolve the contents of one bottle substrate for ABTS in 100 ml double-distilled water.

Instructions This concentrate is stable when stored in aliquots at -15 to -25 °C. To obtain the working solution, dilute one aliquot in a ratio of 1:10 with double-dist. water. Dissolve one ABTS tablet (50 mg) in 50 ml of the working solution. This solution has a light-green color. In microtiter plates the solution is colorless. A405 nm/1 cm should be < 0.16. Work as clean as possible. Heavy metal ions or traces of peroxidase can produce a dark green ABTS solution. Such solutions are not suitable for the assay.

Storage and Shipping Information

Storage 2-8°C

Shipping Conditions wet ice