

## 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** wet ice

**Conditions**