

1-Step™ ABTS

37615

0408.2

Number	Description
37615	1-Step ABTS, 250mL

Storage: Upon receipt store product at 4°C. Product is shipped at ambient temperature.

Introduction

Thermo Scientific 1-Step ABTS (2,2'-azinobis [3-ethylbenzthiazoline-6-sulfonic acid] diammonium salt) is a ready-to-use, water-soluble ELISA substrate for horseradish peroxidase. This substrate yields a green product with absorbance maxima at 410nm and 650nm. Adding SDS to the substrate stops the reaction without changing the color.

Assay Procedure

Note: Omitting the stop step allows the 1-Step ABTS to be used for kinetic studies.

1. Equilibrate the substrate to room temperature.
2. Prepare the stop solution consisting of 1% SDS.
3. Add 150µL of 1-Step ABTS per microplate well.
4. Incubate plate at room temperature for 5-30 minutes.
5. Add 100µL of stop solution.

Note: If the reaction does not stop after adding the stop solution, reduce the HRP conjugate concentration in the assay or add a final concentration of 0.1% sodium azide to the stop solution.

6. Measure absorbance at 405-410nm.

Related Thermo Scientific Products

34024	1-Step Slow TMB, 250mL
34022	1-Step Turbo TMB, 250mL
34028	1-Step Ultra TMB, 250mL
15075	Reagent Reservoirs, 200/pkg
15082	Microtube Racked System, 960 tubes
15036	Sealing Tape for 96-Well Plates, 100/pkg
21124	Streptavidin, Horseradish Peroxidase Conjugated, 2mg
31002	NeutrAvidin® Protein, Horseradish Peroxidase Conjugated, 2mg
37538	StartingBlock™ (PBS) Blocking Buffer, 1L
37542	StartingBlock (TBS) Blocking Buffer, 1L

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