

OPD

Cat. No. CSUB-0414

Lot. No. (See product label)

Introduction

Applications OPD (o-Phenylenediamine dihydrochloride) Tablets have been developed for use as a soluble substrate for the detection of peroxidase activity in enzyme immunoassays (EIA). OPD is the EIA substrate of choice as it exhibits high sensitivity. EIA applications utilizing OPD may be read in timed assays or stopped with dilute acid solutions for delayed readings.

Synonyms OPD Peroxidase Substrate

Product Information

Form tablet

Substrates Peroxidase Substrates

Usage and Packaging

Reconstitution Each tablet set dissolved in 20 mL deionized water yields a ready-to-use buffered solution containing OPD and urea hydrogen peroxide. One OPD tablet and one urea hydrogen peroxide/buffer tablet, dissolved in 20 ml of water, provides 20 ml of ready-to-use substrate. When the tablet is dissolved in this manner, the final concentrations will be 0.4 mg/ml OPD, 0.4 mg/ml urea hydrogen peroxide, and 0.05 M phosphate-citrate, pH 5.0. Tablets are individually packaged in foil packets.

Storage and Shipping Information

Storage 2-8°C