



00-2003 50 tablets
O-Phenylenediamine
(OPD tablet)
Lot No. See product label.

O-PHENYLENEDIAMINE (OPD tablets)

CONTENT:

50 tablets of OPD.

INSTRUCTION FOR USE:

Dissolve each tablet of OPD with 12 ml of Citrate-phosphate buffer, pH 5.0, containing 0.03% hydrogen peroxide to make a substrate-chromogen mixture for peroxidase conjugates in enzyme immunoassays. Prepare fresh IMMEDIATELY before each use. Discard any unused portion.

STORAGE:

Keep the tablets dry in the dark and store frozen (-20°C).

FORMULA FOR PREPARING CITRATE-PHOSPHATE BUFFER, pH 5.0

1. Weigh out the following amount of salts for a 1 Liter batch:

Citric Acid (monohydrate)	10.30 gm
Sodium Phosphate (Na ₂ HPO ₄ ·2H ₂ O)	18.16 gm

2. Dissolve the salts in 900 ml of reagent water.
 3. Adjust pH to 5.0 with base or acid.
 4. Add 1 ml of 30% Hydrogen Peroxide.
 5. QS the volume to 1 Liter with reagent water.
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For research use only.

CAUTION: Not intended for human or animal therapeutic or diagnostic use.

www.invitrogen.com

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PI002003

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