

## Product Information

### Anti-Peroxidase

produced in rabbit, fractionated antiserum

Catalog Number **P7899**

### Product Description

Anti-Peroxidase is produced in rabbit using purified peroxidase from horseradish as the immunogen. The fractionation procedure yields primarily the immunoglobulin fraction of antiserum. If necessary, the fractionated antiserum is adsorbed using solid phase techniques.

Antiserum is determined to be immunospecific for horseradish peroxidase by immunoelectrophoresis (IEP), against purified and crude horseradish peroxidase. The gel is stained with DAB (diaminobenzidine) to ensure that the antibody does not inhibit the enzymatic activity of the peroxidase.

Identity and purity of the antibody is established by immunoelectrophoresis. Electrophoresis of the antibody preparation followed by diffusion against anti-rabbit IgG and anti-rabbit whole serum results in single arcs of precipitation in the gamma region.

### Reagents

Lyophilized from 0.01 M phosphate buffered saline, pH 7.2, with no preservatives added.

### Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

### Reconstitution

Reconstitute by adding 1 mL of water to the 1 mL vial or 2 mL of water to the 2 mL vial. Rotate vial gently until powder dissolves.

### Storage/Stability

Store the product at 2-8 °C.

After reconstitution, the solution may be stored frozen in working aliquots. Repeated freezing and thawing is not recommended. If slight turbidity occurs upon prolonged storage clarify the solution by centrifugation before use.

### Product Profile

ELISA : 1:100,000-1:200,000 using horseradish peroxidase

Protein Concentration: 4-100 mg/mL by Biuret

DS,KAA,PHC 09/11-1