

PRODUCT INFORMATION FOR

AFFINITY PURIFIED SECOND ANTIBODY

REAGENTS to FITC : 3104 & 3105 3100

I. Antiserum Characterization

HOST ANIMAL: RABBIT
FORM: immunospecific, purified antibody
TECHNIQUE: solid phase hapten-antibody capture
SPECIFICITY: antibody recognizes FLUORESCHEIN
CROSS REACTIVITY : No cross reactivity with immunoglobulin of any species

3100 Unconjugated Preparation

This product consists of the immunoaffinity purified IgG from the neat antiserum prepared by methods developed by ViroStat. The product is formulated in a phosphate saline buffer (0.01M, pH 7.2) containing 0.1% sodium azide preservative. No stabilizing proteins have been added. Applications for this product are numerous including ELISA, fluorescence microscopy, immunoblotting and immunohistochemistry. In addition, this product may be used in place of neat antiserum in almost any appropriate antibody-based technique. It is also suitable for conjugation purposes. Protein concentration is 1 mg/ml. Recommended short term (<6 months) storage is liquid at 2-8°C. For longer term storage, aliquot and freeze.

3104 Peroxidase Conjugate

This product consists of affinity purified & absorbed antibody covalently coupled to a highly purified preparation of Horseradish Peroxidase (RZ>3) by methods developed by ViroStat. Care is taken to ensure adequate conjugation while preserving maximum enzyme activity. Free enzyme is removed. Typical antibody concentration in this product is 1-2 mg/ml. Estimated HRP:IgG substitution is >1.5. This preparation is supplied in a Phosphate Saline Buffer stabilized with Bovine Serum Albumin (10 mg/ml) and preserved with 0.02% thimerosal. This product is suitable for immunoblotting, immunohistochemical and enzyme immunoassay applications. Working strength must be determined by the user but a starting range of 1:20 - 1:200 is recommended for immunochemistry and immunoblotting while 1:200 - 1:1,000 is recommended for enzyme immunoassays. Recommended short term (< 6 months) storage is liquid at 2-8°C. For longer term storage, aliquot and freeze. **NOTE: sodium azide is a potent inhibitor of peroxidase!**

Recommended chromogens are: Diaminobenzidine or TMB for immunohistochemistry ; 4-chloro naphthol for immunoblotting and o-Phenylenediamine or ABTS for Enzymeimmunoassay .

3105 Alkaline Phosphatase Conjugate

This product consists of affinity purified & absorbed antibody covalently coupled to a highly purified preparation of Alkaline Phosphatase (Bovine) by methods developed by ViroStat. Care is taken to ensure adequate conjugation while preserving maximum enzyme activity. Free enzyme is removed. Typical antibody concentration in this product is 1-2 mg/ml. Estimated Alk.Phos./IgG substitution is 1.0. This preparation is supplied in a Tris buffer (0.05M, pH 8.0) stabilized with Bovine Serum Albumin (10 mg/ml) and preserved with 0.1% sodium azide. This product is suitable for immunoblotting, immunohistochemical and enzyme immunoassay applications. Working strength must be determined by the user but a starting range of 1:20 - 1:200 is recommended for immunochemistry and immunoblotting while 1:200 - 1:1,000 is recommended for enzyme immunoassays. Recommended storage is liquid at 2-8°C. **NOTE: DO NOT FREEZE!**

Recommended substrates are: BCIP for Immunohistochemistry and Immunoblotting and p-NPP for Enzymeimmunoassay .

THESE PRODUCTS ARE FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES