



OXFORD BIOMEDICAL RESEARCH

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Product specifications

Goat IgG, Preimmune Control for Anti-P450 1A2

Product #PH 17c Typical Lot

**Immunoglobulin
Type:**

Preimmune goat IgG

Specificity:

INHIBITION PROPERTIES: Inhibits approximately 10% of the ethoxyresorufin O-deethylase activity of human liver microsomes at a concentration of 10 mg IgG/nmol P450.

WESTERN BLOTS: does not cross-react with less than 0.2 µg of recombinant human P450 1A2 standard.

Applications:

Useful as a negative control for inhibition assay or Western blots.

Contents:

0.5 mL of purified goat IgG

Concentration:

10 mg/mL in 20 mM Phosphate buffer (pH 8.0)

Working Dilution:

A dilution of 1/2000 for Western blots will yield a negative result with 0.2 µg of all recombinant human cytochrome P450 standards tested to date (1A1, 1A2, 3A4, 2C10, and 2E1) using alkaline phosphatase conjugated anti-goat IgG secondary antibody according to the manufacturer's instructions.

Storage:

Store at -20°C. Do not freeze and thaw repeatedly. Refreezing the product may result in altered reactivity.