

Mouse IgG₃



Catalog No. MI10-105
Size 1 mg

Conditions

Storage: 2 - 8⁰ C

Concentration: 1 mg/ml

Physical State: Liquid

Buffer: 0.01 M Tris, 0.14 M NaCl, pH 7 – 7.2

Preservative: 0.1% Sodium Azide

Shelf life: 1 year from date of receipt

Production Procedures

Mouse IgG₃ myeloma cells were grown in mice and ascitic fluids collected. The IgG₃ was purified by a combination of salt fractionation, ion exchange and protein A chromatography.

Protein concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.

By immunoelectrophoresis the IgG₃ was shown to 1) react with antiserum specific for mouse IgG₃, 2) not react with antiserum specific for other immunoglobulins, and 3) produce a single precipitin arc with antiserum against mouse serum identical to that produced with anti-IgG₃.

The purified protein is IgG₃ kappa.

Notes

Country of Origin: USA

For use in Research and Manufacturing only; not for use in diagnostic applications.

Applications

Used as a positive control in immunoassays. Optimal working dilutions should be determined experimentally by the investigator.

Related Products

G x-Mouse IgG ₃	A90-111
G x-Mouse IgG ₃ affinity purified	A90-111A
G x-Mouse IgG ₃ alkphos conj.	A90-111AP
G x-Mouse IgG ₃ FITC conjugated	A90-111F
G x-Mouse IgG ₃ HRP conjugated	A90-111P

G = Goat

Mouse IgG₃



Catalog No. **Size**
MI10-105 1 mg

MATERIAL SAFETY DATA SHEET

Contents Description

This product contains purified mouse IgG₃ in 0.01 M Tris, 0.15 M NaCl, pH 7 – 7.2 with 0.1% Sodium Azide.

Hazardous Ingredients

Mouse IgG₃ - No known toxicity for this biological material.

Sodium Azide (NaN₃) - AZIDE FORMS EXPLOSIVE CHEMICAL COMPOUNDS WITH LEAD AND COPPER PLUMBING. CARE MUST BE TAKEN TO WASH WASTE DOWN DRAINS WITH LARGE VOLUMES OF WATER.

LD50 oral mouse - 27 mg/kg.

Wash all affected areas with large volumes of water and if swallowed consult your physician immediately.

The above information is believed to be correct but does not purport to be all inclusive and is intended to be used only as a guide. Bethyl Laboratories, Inc. shall not be liable or responsible in any way for use of either this information or the material supplied. Disposal of hazardous material may be subject to federal, state, or local laws or regulations.