



MP Biomedicals, LLC

29525 Fountain Parkway
Solon, Ohio 44139

Telephone: 440/337-1200
Toll Free: 800/854-0530
Fax: 440/337-1180
mailto: biotech@mpbio.com
web: <http://www.mpbio.com>

TECHNICAL INFORMATION

ImmunO™

Catalog Number: 658501
Rabbit Anti-Thyroxine BSA Serum

Form: Lyophilized. Reconstitute with 1.0 ml of distilled water and let stand for 30 minutes at room temperature.

Immunization Antigen: Bovine Thyroglobulin

Working Dilution: 1:1,000 (using 0.1 ml/assay). It is recommended that each lab obtain their own optimum working dilution by titration assay.

Sensitivity: ~1ug thyroxine/tube.

Performance: In RIA systems: Second antibody and polyethylene glycol RIA method using 15 pg/tube iodine-125-thyroxine with specific activity of approximately 1,000 uCi/ug as tracer and 0.1 ml of properly diluted antiserum.

Specificity (typical):

% Cross-Reactivity
Cross-Reactant At 50% Displacement
L-Thyroxine 100
D-Thyroxine 70
L-Triiodothyronine (T3) 0.80
D-Triiodothyronine 0.65
Mono-iodo-L-Tyrosine < 0.0025
Di-iodo-L-Tyrosine < 0.0025
Thyroglobulin < 0.0025
Phenylbutozone < 0.0025
Diphenylhydantoin < 0.0025
Sodium Salicylate < 0.0025

Note: This product may contain a preservative such as sodium azide, thimerosal or proclin. Please see lot specific chemical credential for preservative information.

[If a titer/working dilution is not given above, please click here to see a general dilution chart for working with antibodies. Please note that the general dilution chart should only be used as a guideline. Each lab should determine their own optimal working dilution.](#)

[Will this antibody work with your application? Please click here to see a general chart of antibody applications. Please note that any information given above is primary application data. The general applications charts should only be used as a reference.](#)