



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: www.mpbio.com

Immuno

Rabbit Anti-Thyroxine BSA Serum
Catalog #: 65850
Lot #: 08295

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:

<u>Cross-Reactant</u>	<u>% Cross-Reactivity At 50% Displacement</u>
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

Storage: Store lyophilized product at 2-8°C. Store reconstituted solution in aliquots at -20°C. Avoid repeated freeze/thaw cycles.

Expiration Date: 07/31/2027

A handwritten signature in black ink, appearing to read 'F. An', is centered on a light gray, textured rectangular background.

Approved by: *Fengqi An*
Life Science QC Supervisor

Control # n/a