



## RayBiotech, Inc.

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### Certificate of Analysis and Data Sheet

## Rabbit Anti Alpha Amylase (Bacterial)

### With HRP Conjugated Secondary Antibody

**Catalog No.**  
DS-PB-00138

**Target Species**  
Bacterial

**Isotype**  
IgG

### Preparation

**Immunogen:** Native, from *Bacillus amyloliquefaciens*

**Preparation:** Purified Ig prepared by ion exchange chromatography.

### Formulation

**Product Type:** Polyclonal Antibody

**Product Form:** Purified Ig – liquid

**Buffer Solution:** Phosphate buffered saline

**Preservative Stabilizers:** 0.01% Sodium Azide

**Approx. Protein Concentration:** IgG concentration 10.0 mg/ml

### Specificity

Assay by immunoelectrophoresis shows a single precipitin arc against anti-rabbit serum, as well as purified and partially purified alpha-amylase (*Bacillus amyloliquefaciens*). May cross-react with alpha-amylase from other tissues and species.

### Applications

Table Summary of antibody applications and working conditions

Options / Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA	.			1/20K - 1/100K
Immunoprecipitation	.			
Immunohistochemistry			.	
Western Blot	.			

Note: Other applications have not been tested. Optimal dilutions should be determined by each laboratory for each application.

**The products are furnished for LABORATORY RESEARCH USE ONLY.  
Not for diagnostic or therapeutic use.**



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### Secondary Antibody Applications

Options / Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunoassay (ELISA, Western blot)	•			1:5000-1:10000

### Storage

Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.  
**Shelf Life:** 18 months from date of shipment.

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