



## RayBiotech, Inc.

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### Certificate of Analysis and DataSheet Goat Anti-Diphtheria Toxin/Toxoid, HRP

**Catalog No.**  
MD-05-0113

**Host Animal**  
Goat

#### **Description**

Goat A' Diphtheria toxin/toxoid  
Goat Antibody to Diphtheria toxin/toxoid  
Horseradish Peroxidase conjugated

#### **Preparation**

**Host Animal:** Goat  
**Immunogen:** Purified diphtheria toxoid  
**Purification:** IgG fraction covalently coupled to a highly purified preparation of horseradish peroxidase (RZ>3). Estimated molar HRP: IgG substitution is 2–3. Care is taken to ensure adequate conjugation while preserving maximum enzyme activity. Free enzyme is absent.

#### **Specificity**

Demonstrated reactivity with purified diphtheria toxin/toxoid

#### **Formulation**

**Format:** HRP, Liquid  
**Concentration:** 1–2mg/ml (OD280nm,  $E^{0.1\%} = 1.4$ )  
**Buffer:** PBS containing 10mg/ml BSA  
**Preservative:** 0.002% Thimerosal

#### **Storage**

Short-term (up to 6 months) store at 2–8°C. Long term, aliquot and store at -20°C. **Avoid multiple freeze/thaw cycles.**

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



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### Applications

**Table Summary of antibody applications and working conditions**

<b>Options Functions</b>	<b>YES</b>	<b>NO</b>	<b>Not determined</b>	<b>Recommended Work dilution or concentration</b>
ELISA	.			
Western Blotting			.	
Immunoblotting			.	
EIA			.	
Flow Cytometry			.	
Immunoprecipitation			.	
Competitive RIA			.	

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

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