



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet Sheep Anti Human Lactate Dehydrogenase V

Catalog No.
MD-14-0406

Species
Human

Isotype
Sheep IgG

Preparation

Immunogen: Human Lactate Dehydrogenase V, purified from human placenta
Purification: Delipidated and if necessary adsorbed to monospecificity by use of solid-phase adsorbants. Following adsorption an immunoglobulin fraction is produced by ion-exchange chromatography (DEAE) and preservatives are added.

Specificity

Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-goat serum as well as purified and partially purified Lactate Dehydrogenase (Rabbit Muscle). Cross-reactivity against Lactate Dehydrogenase from other tissues and species may occur but have not been specifically determined.

Formulation

Format: Purified, Liquid
Concentration: 8mg/ml (OD280nm, $E^{1\%} = 14.5$)
Buffer: Glycine buffered saline, pH 7.4
Preservative: 0.1% Sodium Azide, 0.1% EACA, 0.01% Benzamidine, and 1mM EDTA.

Storage

Upon receipt, store at 2-8°C. Slight precipitation can occur on storage which may be removed by centrifugation, and should not affect performance characteristics.

**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

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA			.	
Western Blotting	.			1:1,000
Immunohistology			.	
IFA			.	
Immunoprecipitation			.	
Flow Cytometry			.	
Neutralization			.	

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

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