



RayBiotech, Inc.

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Certificate of Analysis and DataSheet Rabbit Anti Estradiol

Catalog No.
MD-14-0275

Species
Human

Isotype
Rabbit Ig

Preparation

Host Animal: Rabbit
Immunogen: 17 beta Estradiol-6-CMO-BSA

Specificity

17-beta-Estradiol

Cross-reactivity:

Estradiol	100%
Estrone	~1.0%
Estriol	<0.2%
Testosterone	<0.1%
DHEA	<0.1%
Androstenedione	0%

Formulation

Format: Neat, Liquid
Concentration: ED₅₀=250ng/ml @ 36% B/TC
Titer: 1,000,000 Tests/ml (¹²⁵I RIA)
Affinity Constant: 3.5 x 10¹⁰ L/m
Buffer: Not applicable
Preservative: None

Storage

Short term (up to 7 days) store at 2-8°C. Long term, aliquot and store at -20°C.
If aliquotted for long term storage, fill volume should be equal to or greater than 50% of the nominal fill volume of the vial used.

Avoid repeated freeze/thaw cycles.

Centrifuge before opening to ensure complete recovery of vial contents.

**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			.	
Immunohistochemistry			.	
EIA			.	
Flow Cytometry			.	
Immunofluorescence staining			.	
Competitive RIA			.	

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

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