



## RayBiotech, Inc.

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### Certificate of Analysis and Data Sheet

## Rabbit Anti-Aldosterone

### With HRP-conjugated Secondary Antibody

**Catalog No.**

DS-PB-00104

**Target Species**

Broad

**Isotype**

Polyclonal IgG

### Description

**Immunogen:** Aldosterone-3-CMO-BSA**Preparation:** Purified IgG prepared by affinity chromatography on Protein G**Protein Concentrations:** IgG concentration 5.0 mg/ml

### Formulation

**Product Type:** Polyclonal Antibody**Product Form:** Purified IgG - liquid**Preservative Stabilizers:** 0.09% Sodium Azide ( $\text{NaN}_3$ )

### Specificity

DS-PB-00104 is specific for Aldosterone, a hormone produced by the adrenal glands that helps regulate blood pressure through increasing both the release of potassium and the uptake of water and sodium by the kidneys.

DS-PB-00104 shows <1% cross reactivity with Androstenedione, Corticosterone, DHEA or Desoxycorticosterone, as determined using a competitive ELISA with 400ng of aldosterone-3-BSA per well. This antibody has been cross-absorbed with BSA.

### 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 dispatch

**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			.	
Immunohistology - frozen	.			1/25 - 1/200
Immunohistology - Paraffin			.	

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

### Secondary Antibody Applications

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

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