



## RayBiotech, Inc.

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### Certificate of Analysis and DataSheet

## Rabbit Anti Human Inducible Nitric Oxide Synthase (iNOS)

<b>Catalog No.</b>	<b>Species</b>
MD-14-0383	Human

### Preparation

<b>Host Animal:</b>	Rabbit
<b>Immunogen:</b>	human iNOS(Cys <sup>1137</sup> -1138-1153) covalently attached to a carrier protein
<b>Purification:</b>	Not applicable.

### Specificity

Recognizes Human Inducible Nitric Oxide Synthase (iNOS). Specific for the carboxyl end of hiNOS. Characterized by western blotting, ELISA, and cell staining techniques using synthetic peptides and recombinant whole proteins. Does not cross-react with rat iNOS.

Cross-reactivity:

human iNOS (1137-1153)	100%
recombinant human iNOS (NOS type II)	100%
human nNOS (1411-1433)	0%
recombinant human nNOS (NOS type I)	0%
human eNOS (1182-1203)	0%
recombinant human eNOS (type III)	0%

### Formulation

<b>Format:</b>	Neat, Lyophilized. Reconstitute with 0.1ml PBS containing 10mg/ml BSA or with additional buffer for more dilute antiserum.
<b>Concentration:</b>	Not determined.
<b>Buffer:</b>	Not applicable.
<b>Preservative:</b>	None

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



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### Storage

Lyophilized: Store at 2-8°C (preferably in a dessicator).

Reconstituted: Aliquot and store at -20°C.

**Centrifuge before opening to ensure complete recovery of vial contents.**

### Applications

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

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Elisa			.	
Flow Cytometry			.	
IHC (frozen sections)	.			
Indirect Immunofluorescence	.			1:1,000 to 1:5,000
IFA	.			
Western Blotting	.			1:1,000

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

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