



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet Native Human Laminin

Catalog No.
DS-01-0277

Species
Human

Preparation

Purified by immunoaffinity from pepsinized human placenta.

Description

DS-01-0277 is purified protein from human placenta supplied as a liquid. Laminin is an endothelial adhesion glycoprotein composed of 3 chains designated A (MW 400kDa), B1 (MW 210kDa) and B2 (MW 200kDa) held together by disulfide bonds in the shape of a crucifix.

Formulation

Product Type: Purified Protein

Approx. Protein Concentrations: 0.5 mg/ml

Buffer Solution: TRIS buffered saline, pH 8.2

Preservative Stabilizers: None present

Molecular Weight: In electrophoresis a major band is observed at 60 kDa and a minor band at 170-190 kDa.

Purity: SDS PAGE: >90%

***Important Note:** Care must be taken when using at room temperature. It is advisable to use the product as soon as possible. If a gel forms then it is not possible to reactivate for use.

Storage

Store at -20°C only.

Storage in frost-free freezers is not recommended.

This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life: 12 months from date of shipment.

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



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Applications

Table Summary of protein applications and working conditions

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA	•			
Western Blotting			•	
Function Assay	•			

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

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