



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet PURIFIED HUMAN BETA 2 MICROGLOBULIN

Catalog No.
DS-01-0027

Target Species
Human

Preparation

Human beta-2 microglobulin was prepared from urine from patients with renal tubular proteinuria.

Formulation

Product Form: Human beta -2 microglobulin - lyophilised

Buffer Solution: 0.02M ammonium bicarbonate

Preservative Stabilizers: None present

Reconstitution: Reconstitute with 1.0ml sterile PBS

Molecular Weight: 12 kDa

Purity: >40% by SDS-PAGE

Specificity

DS-01-0027, native beta-2 microglobulin is a component of MHC class I molecules, which are present on all nucleated cells. Levels of beta-2 microglobulin can be used to assess renal function in kidney transplant recipients. Also known as B2M, it has been suggested that this protein can be used as a prognostic marker for HIV infection.

Applications

Table Summary of protein applications and working conditions

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

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

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



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Storage

Prior to reconstitution store at +4°C.

After reconstitution store at -20°C.

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: 12 months from date of dispatch

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