



## RayBiotech, Inc.

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# Certificate of Analysis and Data Sheet PURIFIED HUMAN BETA 2 MICROGLOBULIN

**Catalog No.**  
DS-01-0028

**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:** >98% by SDS-PAGE

## Specificity

DS-01-0028, 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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