

beta2-Microglobulin Native Protein

beta2-Microglobulin, B2M Protein (Active)

CATALOG # AAA59064	HOST Human tissue	APPLICATIONS ELISA
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PRODUCT SYNONYMS

beta2-Microglobulin; B2M Protein (Active); Beta-2-microglobulin; B2M; CDABP0092; HDCMA22P; beta2-Microglobulin native protein

PRODUCT SPECIFICATIONS

Host	Human tissue
Purity/Purification	>90% by SDS-PAGE
Form/Format	Liquid; Each vial contains 10 mM PBS (pH 7.4).
Applicable Applications for beta2-Microglobulin native protein	ELISA
Storage Buffer	Each vial contains 10 mM PBS (pH 7.4).
Preparation and Storage	Upon receipt, aliquot and store at -20 degree C or -80 degree C for long term. Avoid repeated freeze and thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for beta2-Microglobulin native protein	Purified human beta2-Microglobulin protein. Background: Beta-2-microglobulin (B2M) is a serum protein found in association with the major histocompatibility complex (MHC) class I heavy chain on the surface of nearly all nucleated cells. B2M gene contains 4 exons and spans approximately 8 kb. The neonatal Fc receptor (FcRn) is a heterodimer of a nonclassical MHC class I alpha and B2M that binds the 2 most abundant serum proteins, IgG and albumin, after their constitutive cellular uptake. FcRn binds both proteins, thus acting as a salvage pathway, protecting them from lysosomal degradation and extending the catabolic half-lives of both proteins. Beta-2-microglobulin had been found in the serum of normal individuals and in the urine in elevated amounts in patients with Wilson disease, cadmium poisoning, and other conditions leading to renal tubular dysfunction.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	52421197
NCBI Official Full Name	beta2-microglobulin

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/human-native-protein/beta2-microglobulin/59064>