

ARG83551 Human beta 2 Microglobulin ELISA Kit

Package: 96 wells

Store at: 2-8 °C

Summary

Product Description	ARG83551 Human beta 2 Microglobulin ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human beta 2 Microglobulin in cell culture supernatants, serum, plasma (heparin, EDTA) , saliva, urine and human milk.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	beta 2 Microglobulin
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	80 µg/ml
Sample Type	Cell culture supernatants, serum, plasma (heparin, EDTA) , saliva, urine and human milk
Standard Range	156 - 10000 pg/ml
Alternate Names	Beta-2-microglobulin

Application Instructions

Assay Time	3.5 hour
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Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	B2M
Gene Full Name	beta-2-microglobulin
Background	This gene encodes a serum protein found in association with the major histocompatibility complex (MHC) class I heavy chain on the surface of nearly all nucleated cells. The protein has a predominantly beta-pleated sheet structure that can form amyloid fibrils in some pathological conditions. The encoded antimicrobial protein displays antibacterial activity in amniotic fluid. A mutation in this gene has been shown to result in hypercatabolic hypoproteinemia.[provided by RefSeq, Aug 2014]
Function	Component of the class I major histocompatibility complex (MHC). Involved in the presentation of peptide antigens to the immune system. [UniProt]
Highlight	Related products: Beta2 Microglobulin antibodies ; Beta2 Microglobulin ELISA Kits ; Beta2 Microglobulin Duos / Panels ;

Related news:

["Pro-aging factor" tied to immune-related molecule](#)

New ELISA data calculation tool:

[Simplify the ELISA analysis by GainData](#)

Research Area

Cancer kit; Cell Biology and Cellular Response kit

PTM

Glycation of Ile-21 is observed in long-term hemodialysis patients.