

Beta-2-microglobulin (β 2M)

Item Number: β 2M

Introduction

Buy Beta-2-Microglobulin (β 2M) test kits for blood cancer monitoring. High accuracy, wide linear range. Reliable tumor marker reagent for research use.

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Feature	Description
Product Name	Beta-2-microglobulin (β 2M)
Host Species	Goat
Immunogen	High purity native human serum Albumin
Form/Appearance	Liquid
Purity	Affinity Purified
Source	Polyclonal Antibody
Application	<i>IVD reagent for detection of Beta-2-microglobulin in human samples (blood, urine, CSF)</i>
Dosage Form	Lateral flow immunoassay reagent (colloidal gold method)

Condition	Description
Storage	2-8° C
Shipping	Cold packs
Shelf Life	2 years
Storage Condition for Stability Testing	4-30°C, sealed in aluminum foil bag

Indicator	Description
Appearance - Packaging	Product outer packaging box and aluminum foil packaging bag should be complete and undamaged.
Appearance - Test Strip	Clean and flat appearance, no burrs, no damage, no pollution; material adhesion is firm.
Test Strip Width	Width should not exceed ± 0.20 mm of the nominal value of 4.00mm.
Migration Speed	Liquid migration speed should be no less than 10mm/min.
Limit of Detection (LoD)	LoD concentration should be no higher than 0.50 mg/L.
Linearity Range	Within the range of 0.50mg/L ~ 20.00mg/L, the linear correlation coefficient $r \geq 0.990$.
Accuracy	Verified by comparative test: correlation coefficient $r \geq 0.975$, relative deviation no greater than 20%.
Repeatability	Kit repeatability should be no greater than 10%.
Batch-to-Batch Precision	Kit batch-to-batch difference should be no greater than 15%.
Stability	Product stored at 4-30°C in sealed aluminum foil bags. Products within 1 month of expiration date should meet the requirements of appearance, test strip, LoD and Accuracy.