Immunoglobulin E (IgE)

Item Number: IgE

Introduction

Discover our IgE test kits, designed for accurate and reliable detection of Immunoglobulin E. High accuracy, wide range, and stable performance. Inquire now!

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Feature	Description
Product Name	Human Immunoglobulin E (IgE) Antibody
Host Species	Mouse
Application	ELISA
Immunogen	Human IgE
Form/Appearance	Purified Monoclonal Antibody
Preservatives	0.1% Sodium Azide
Isotype	IgG2b
Clonality	Monoclonal
Purity	>95%
Buffer	0.05 M Phosphate Buffered Saline, pH 7.4
Specificity	Human IgE

Condition	Description
Storage	2-8°C. Do not freeze.
Shipping	Cold Packs

Indicator	Specification
Appearance	Liquid components should be clear and transparent; kit components should be complete and intact; liquid should be free of leakage; packaging labels should be clear and undamaged.
Volume	Each component should be no less than the labeled value.
Accuracy	Relative deviation should be no greater than 15%.
Limit of Detection	Should be no greater than 1.00 IU/mL.
Linearity	The linear range of the reagent is 1.00 IU/mL ~ 2000.00 IU/mL. Within this linear range, the correlation coefficient r ≥ 0.9900.
Repeatability	Coefficient of variation (CV) should be no greater than 8%.
Batch-to-Batch Variation	Inter-batch coefficient of variation (CV) should be no greater than 15%.
Specificity	When measuring IgA, IgM, and IgG samples with concentrations no less than 100.00 µg/mL, the measured results should be no higher than 5.00 IU/mL.
Calibrator Accuracy	Calibrator relative deviation should be no greater than 10%.
Calibrator Uniformity	Calibrator uniformity should be no greater than 10%.
Stability	When stored at 2~8°C in a dark, unopened state, products within 6 months after the expiration date should meet the requirements of the relevant items when tested according to 2.1~2.5 and 2.7~2.9.