

Anti-Hepatitis B Virus (HBeAg)

Item Number: HBeAg

Introduction

Discover Anti-Hepatitis B virus (HBeAg) products for LF and ELISA assays. High specificity and purity. Monoclonal antibody from mouse ascites. Order now!

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Feature	Description
Product Name	Anti-Hepatitis B virus (HBeAg)
Application	LF / ELISA
Form/Appearance	Purified from mouse ascites by protein A chromatography
Concentration	≥ 1 mg/ml
Isotype	IgG1
Clonality	Monoclonal
Purity	≥ 90%
Buffer	0.01M Phosphate Buffered Saline, pH 7.2, containing 0.1% sodium azide
Cross Reactivity	Not determined
Specificity	Hepatitis B "e" antigen

Condition	Description
Storage	2-8°C or -20°C. Avoid freeze-thaws. Maximum one freeze-thaw during storage.
Shipping	Cold packs
Shelf Life	Four years from date of manufacture

Indicator	Acceptance Criteria
Package Appearance	Product outer packaging box, aluminum foil packaging bag should be complete and without damage.
Test Strip Appearance	Clean and flat, no burrs, no damage, no pollution; material attached firmly.
Test Strip Width	Width should not exceed $\pm 0.20\text{mm}$ of the nominal value, with a nominal value of 4.00mm.
Migration Speed	Liquid migration speed should not be less than 10mm/min.
Minimum Detection Limit (HBeAg)	Results should meet the requirements when tested with the HBeAg national minimum detection limit reference or the enterprise minimum detection limit reference standardized by the national reference.
Accuracy (HBeAg)	The relative deviation of the measurement results should be no more than 20% when using the national accuracy reference or the enterprise accuracy reference standardized by the national reference as a sample.
Positive Reference Concordance Rate (HBeAg)	Concordance rate (+/+) should be no less than 9/10 when testing 10 HBeAg national positive references or enterprise positive references standardized by national positive references.
Negative Reference Concordance Rate (HBeAg)	Concordance rate (-/-) should be 15/15 when testing 15 HBeAg national negative references or enterprise negative references standardized by national negative references.
Repeatability	The coefficient of variation (CV) should be no greater than 15% when repeatedly measuring 10 times with the HBeAg national precision reference or the enterprise precision reference standardized by the national reference.
Inter-batch Precision	The inter-batch coefficient of variation (CV) should be no greater than 15% when testing three batches of kits, each repeated 10 times, with the HBeAg national precision reference or the enterprise precision reference standardized by the national reference.
Stability	When stored at 4-30°C in a sealed aluminum foil bag, and tested with products within 1 month of the expiration date, the test results should meet the requirements for other performance indicators.