

Qualisa HBsAg ELISA for detection of Hepatitis B surface antigen (HBsAg)

Intended Use: _____

Qualisa HBsAg is intended to be used for the detection of Hepatitis B surface antigen in human serum / plasma.

Qualisa HBsAg kit components:

Coated microwells	Microwells are coated with monoclonal anti-HBsAg antibody. Ready to use
Positive control	HBsAg positive and HIV/ HCV non-reactive serum diluted in stabilizer solution with preservatives
Negative control	Inactivated and stabilized human serum non-reactive for HIV-1 and HIV-2, HCV & HBsAg with preservatives
Conjugate	Monoclonal anti -HBsAg conjugated to HRPO (Horse Radish Peroxidase). Ready to use
Conjugate activator	Buffered solution containing activator and preservatives
Substrate	Solution containing Tetramethyl benzidine (TMB) and hydrogen peroxide. Ready to use
Wash buffer	Buffer contains surfactants (20 X). To be diluted 20 times with distilled or deionized water
Stop solution	Diluted acid. Ready to use
Other Accessories	Microwell holder, Instructions for use, ELISA protocol sheet, Plate sealer and Package Insert

Performance Characteristics:

Sensitivity: 100%	Specificity: 100%
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FEATURES	BENEFITS
Detects all subtypes & sizes of HBsAg	Excellent detectability and specificity
Antibodies used are directed against "a" determinant of	HBsAg Broad spectrum reactivity with sensitivity as high as 0.025 ng/ml
High flexibility options	Procedure is short, standard and overnight
DHS³ technology	High detectability particularly in low titre samples High thermal stability Long - use life
Minimum interference	Blocks non-specific heterophile antibodies because of the use of HBR
Excellent performance	Sensitivity: 100% Specificity: 100%
Extremely reliable	Good correlation with other licensed ELISAs

Storage / Stability	Temperature	Duration
Unopened kit	2-8°C	12 Months
Opened kit	2-8°C	2 Months

Available Pack Sizes	
96 Tests	192 Tests
480 Tests	