



ELISA for detection of Hepatitis B surface antigen (HBsAg)

Application	For detection of Hepatitis B surface antigen in human serum/plasma
Principle	Enzyme Linked Immunosorbent Assay (ELISA)
Sensitivity	100%
Specificity	100%
Analytical Sensitivity	Short procedure: 0.1 ng/ml Standard procedure: 0.05 ng/ml Overnight procedure: 0.025 ng/ml
Reagents	<ul style="list-style-type: none"> • Coated microwells: Microwells coated with agglutinating sera for HBsAg. Ready to use. • Conjugate: Agglutinating sera for HBsAg- 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. • 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.
Test duration	Short Procedure: 60 minutes Standard Procedure: 120 minutes Overnight Procedure: Overnight
Storage / Stability	2-8°C, 12 months

Presentation	Pack	Cat.No.
QUALISA HBsAg kit contains, • Microwell strips (3 x 8 wells/pouch) • Reagents • Accessories	96 Tests	404050096
	192 Tests	404050192
	480 Tests	404050480

