



ELISA for detection of Hepatitis B surface antigen (HBsAg)

Application	4 th Generation ELISA for detection of Hepatitis B surface antigen in human serum/plasma
Principle	Enzyme Linked Immunosorbent Assay (ELISA)
Sensitivity	100%
Specificity	100%
Analytical Sensitivity	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. • 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	150 minutes
Storage / Stability	2-8°C, 12 months

Presentation	Pack	Cat.No.
QUALISA HBsAg Ultra kit contains, <ul style="list-style-type: none"> • Microwell strips (3 x 8 wells/pouch) • Reagents • Accessories 	96 Tests	404130096
	192 Tests	404130192

