

## 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:**

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

**Performance Characteristics:**

<b>Sensitivity:</b> 100%	<b>Specificity:</b> 100%
--------------------------	--------------------------

FEATURES	BENEFITS
<b>Detects all subtypes &amp; sizes of HBsAg</b>	Excellent detectability and specificity
<b>Antibodies used are directed against “a” determinant of</b>	HBsAg Broad spectrum reactivity with sensitivity as high as 0.025 ng/ml
<b>High flexibility options</b>	Procedure is short, standard and overnight
<b>DHS<sup>3</sup> technology</b>	High detectability particularly in low titre samples High thermal stability Long - use life
<b>Minimum interference</b>	Blocks non-specific heterophile antibodies because of the use of HBR
<b>Excellent performance</b>	Sensitivity: 100% Specificity: 100%
<b>Extremely reliable</b>	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	