

## Qualisa HCV 3<sup>rd</sup> generation ELISA for the detection of antibodies to HCV

**Intended Use:** \_\_\_\_\_

Qualisa HCV, 3<sup>rd</sup> generation ELISA intended to be used for the detection of antibodies to HCV in human serum / plasma.

**Qualisa HCV kit components:**

<b>Coated microwells</b>	Microwells are coated synthetic peptides representing core, NS3, NS4 & NS5 regions of the HCV genome derived from multiple genotypes of HCV. Ready to use
<b>Positive control</b>	Inactivated and stabilized human serum reactive for HCV and non-reactive for HIV & HBsAg 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>	Goat anti human IgG-HRPO (Horse Radish Peroxidase) (50X). To be diluted 50 times with conjugate diluent
<b>Conjugate diluent</b>	Buffered solution containing stabilizing proteins and preservatives. Ready to use
<b>Sample diluent</b>	Buffered solution containing stabilizing proteins and preservatives. Ready to use
<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%
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FEATURES	BENEFITS
Uses a cocktail of synthetic peptide antigens derived from multiple HCV-genotypes	Excellent detectability and specificity
Detects all six major genotypes of HCV	Infection from either of the potential genotype can be detected with ease
DHS <sup>3</sup> technology	High detectability particularly in low titre samples High thermal stability Long-use life
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	