

Qualisa HIV 4.0

Fourth generation ELISA for the detection of antibodies to HIV 1/2 & O subtypes and p24 antigen in human serum or plasma

Intended Use: _____

Qualisa HIV 4.0 is intended to be used for the detection of antibodies to HIV-1 & HIV-2 & O subtypes and p24 antigen in human serum or plasma.

Qualisa HIV 4.0 kit components:

Coated microwells	Microwells are coated with monoclonal anti p-24 antibodies and recombinant antigens representing both HIV-1 and HIV-2
Positive control	Inactivated and stabilized human serum reactive for HIV- 1 with preservatives
Negative control	Inactivated and stabilized human serum non reactive for HIV-1, HIV-2, HBsAg and HCV
Conjugate	Antigen-HRP conjugate (50x). To be diluted 50 times with conjugate diluent
Antibody reagent	Biotinylated monoclonal anti-p24 antibody. Ready to use
Conjugate diluent	Buffered solution containing stabilizing proteins and preservatives
Sample diluent	Buffered solution containing stabilizing proteins and preservatives
Substrate	Solution containing Tetramethyl benzidine (TMB) and hydrogen peroxide. Ready to use
Wash buffer	Buffer containing surfactants (20x). To be diluted 20 times with distilled water or deionized water
Stop solution	Diluted sulphuric acid. Ready to use

Performance Characteristics:

Sensitivity: 100%	Specificity: 99.71%
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FEATURES	BENEFITS
High p24 antigen sensitivity: 20 pg/ml	Excellent detectability and specificity
High S/CO	Higher OD values in low titre samples and 'grayzone' reactions are highly in true positive samples
DHS³ technology	High detectability particularly in low titre samples High antibody sensitivity High thermal stability Long-use life
High specificity	Good correlation with other licensed ELISAs
Early detection within 2 weeks	Serves to contain the spread of infection, by timely detection

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

Available Pack Sizes	
96 Tests	192 Tests
480 Tests	