



	Fourth generation ELISA for the detection of antibodies to HIV 1/2 & O subtypes and p24 antigen in human serum or plasma
Application	For detection of antibodies to HIV V1/2 & O subtypes and p24 antigen in human serum or plasma.
Principle	Enzyme linked immunoassay (ELISA)
Sensitivity	100%
Specificity	99.7%
Reagents	<ul style="list-style-type: none"> • Coated microwells: 96 microwells (3x8 wells x 4) are coated with agglutinating sera for p-24 antigen and recombinant antigens representing both HIV1 and HIV2 • Positive control: Inactivated and stabilized human serum reactive for HIV1 with preservatives • Negative control: Inactivated and stabilized human serum non reactive for HIV-1and HIV-2, HBsAg and HCV • Conjugate: Antigen-HRP conjugate (50 x). 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. • Activator: Buffered solution containing activator 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: Dilute Sulphuric acid.
Test duration	180 minutes
Storage / Stability	2-8°C, 12 months

Presentation	Pack	Cat.No.

QUALISA HIV 4.0 kit contains, • Microwell strips (3 x 8 wells/pouch) • Reagents • Accessories	24 Tests	413030024
	96 Tests	413030096
	192 Tests	413030192
	480 Tests	413030480

