

electra HIV Ag/Ab 4.0 CLIA
4th Generation Chemiluminence Assay for the Detection of Antigens and Antibodies to HIV 1 & 2 Virus in Human Serum or Plasma.

Intended Use: _____

electra HIV Ag/Ab 4.0 CLIA is intended to be used for the detection of antibodies to HIV 1 & 2 & "O" subtype virus and HIV-1 p24 antigen in human serum or plasma.

electra HIV Ag/Ab 4.0 CLIA Kit components:

Coated Microwells	Micro-wells are coated with agglutinating sera for p24 antigen and recombinant antigens representing both HIV-1 and HIV-2. Ready to use.
Positive control	Inactivated and stabilized human serum reactive for HIV with preservatives
Negative control	Inactivated and stabilized human serum non-reactive for HIV-1 and HIV-2, HBsAg and HCV.
Conjugate	Antigen-HRP/streptavidin-HRP conjugate (50 X). To be diluted 50 times with conjugate diluent
Antibody reagent	Biotinylated agglutinating sera for p24 antigen. Ready to use.
Conjugate Diluent	Buffered solution containing stabilizing proteins and preservatives.
Substrate A	Chemiluminescent substrate containing enhanced luminol solution
Substrate B	Chemiluminescent substrate containing stabilized peroxide solution
Wash Buffer	Buffer containing surfactants (20 X). To be diluted 20 times with distilled or deionized water.
Other accessories	Package insert.

FEATURES	BENEFITS
Microwell CLIA	Chemiluminence based immunoassay compatible with Semi & Fully Automated CLIA processor
High Sensitivity	High sensitivity ensures early detection of infection
Signal Amplification	2X Signal amplification by enhancer in the CLIA substrate & PMT ensures high sensitivity
E.C.I, Cutoff index reporting	Convenience of reporting and reading results
High Specificity	Correlation with other CLIA's

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