

# HIV-1 p24 ELISA Kit

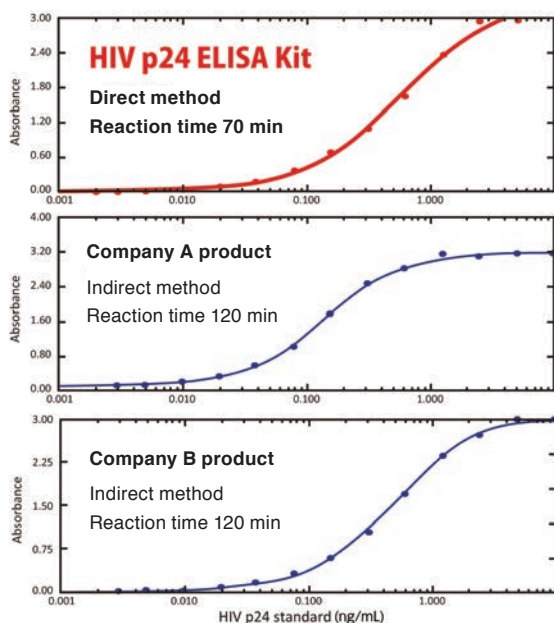


The HIV p24 ELISA Kit can quantify p24, a structural protein of HIV-1.

- Specific detection of HIV-1 p24 antigen
- One-step quantification of HIV-1 p24 antigen
- Quantification range of 5–2000 pg/mL
- Detection of a variety of HIV-1-clade virus strains
- Faster than other available ELISA kits



Comparison to the detection performance of HIV-1 p24 antibodies



Panel serum reactivity for HIV-1 p24 ELISA Kit (Comparison to other available kits)

Positive serum panel	Days since first serum collection	Detect p24 S/C	Company A HIV-1 p24 test S/C	Company B HIV-1/2 antibody test S/C	HIV gene test (copy number /mL)
Negative	-	0.2	nd	nd	nd
Panel ① (BBI BG)	0	0.0	0.3	0.2	BLD
	7	0.0	0.3	0.2	BLD
	9	0.2	0.3	0.2	BLD
	14	0.3	0.3	0.2	6×10E3
	16	0.1	0.3	0.2	5×10E4
	23	12.1	12.2	1.1	>8×10E5
Panel ② (BBI BH)	28	27.4	22.5	9.0	>8×10E5
	0	0.0	0.3	0.1	2×10E2
	2	0.0	0.2	0.0	2×10E3
	7	0.3	0.8	0.1	2×10E5
	9	1.2	2.1	0.1	5×10E5
	15	6.8	2.9	6.6	4×10E4
	17	9.5	3.3	13.0	>8×10E5

S/C = sample/cut off The measured value over 1.0 means positive reaction.  
BLD = Below Detection Limit

Code	Product	Size
HI-E1	HIV-1 p24 ELISA Kit	96 assays

\* This kit is sold for research use only. It cannot be used for medical, household, or any other non-research purposes.

## References for product use

Kasahara D *et al.* Virol J. 18, 338 (2013) PMID:24238037

[Download](#) Kodama A *et al.* Front Microbiol. 4, 292 (2013) PMID:24098298

[Download](#) Adachi T *et al.* Retrovirology. 8, 84 (2011) PMID:22018245

Tanaka R *et al.* AIDS Res Hum Retroviruses. 26, 1147-54 (2010) PMID:20854204