



## HIV-1 p24

### Extended Range Kit

ZMC Catalog #: 0801137

FOR RESEARCH USE ONLY. Not for *in vitro* Diagnostic Use

#### INTENDED USE

The RETRO-TEK HIV-1 p24 Extended Range Kit is supplied for Research purposes only. It is not intended for use in the diagnosis or prognosis of disease or for screening and may not be used as a confirmatory test in diagnostic situations. It is to be used as an accessory to the RETRO-TEK HIV-1 p24 ELISA.

#### PRINCIPLE OF THE TEST

Many specimens and tissue culture samples contain HIV-1 viral loads greater than the range of the standard curve of commercially available antigen ELISA's. In order to quantify such samples, a series of expensive and time consuming dilutions must be made to adjust the sample concentration. The RETRO-TEK HIV-1 p24 Extended Range Kit includes reagents that extend the standard curve of the RETRO-TEK HIV-1 p24 ELISA (ZMC catalog #: 0801111) up to 4 ng/ml. Samples containing p24 antigen up to 4 ng/ml may be accurately quantified without extensive serial dilution by kinetic reading of the assay plate.

#### REAGENTS

##### Materials Supplied

- Concentrated HIV-1 p24 Antigen Standard (0.5ml): Contains detergent disrupted, heat inactivated viral antigen at a concentration of 80 ng/ml, added protein, detergent and 2-chloroacetamide.
- Substrate (5 tablets): Contains OPD (orthophenylenediamine-HCl)

##### Materials Required but Not Supplied

- RETRO-TEK HIV-1 p24 ELISA (ZMC catalog #: 0801111)
- Test tubes and racks for preparing specimen and standard dilutions
- Adjustable micropipettes, single and multichannel

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Trial Version