

**OVERVIEW**

The HIV-1 p24 Antigen AccuSpan™ Linearity Panel, 2410-0200, is a seven member panel made from serial dilutions of an HIV-1 virus (8E5). This panel consists of five positive and one negative member representing serial dilutions of cultured HIV-1 type B 8E5 virus in HIV-1 Ag negative diluent, and one member prepared from the diluent. The type B HIV-1 virus is derived from 8E5 cells that contain an intact but defective viral genome. The diluent was prepared from normal human plasma filtered through a 0.2µm filter. ProClin was added as a preservative.

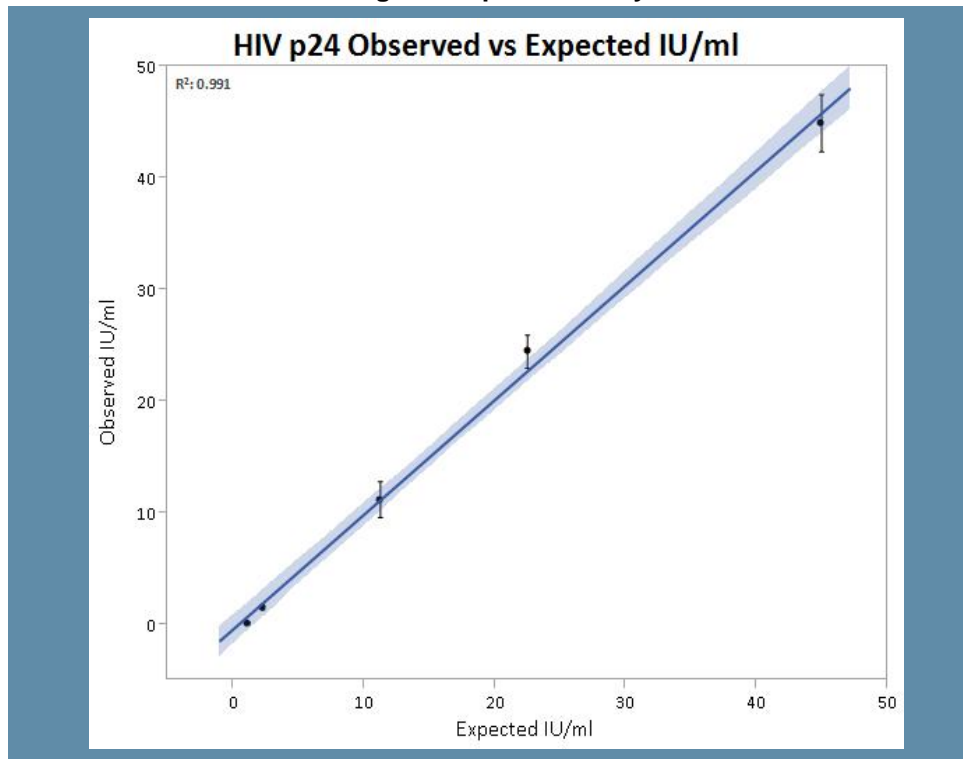
For Research Use Only. Not for use in diagnostic procedures.

Item No. 2410-0200 1 vial per member  
7 members, 1.2 mL per vial

**CAUTION:** Follow Universal Precautions. Members of the HIV-1 Antigen Linearity Panel are manufactured from cultured HIV-1 8E5 virus and human plasma that is negative for HIV-1 RNA, HCV RNA, and HBV DNA, antibodies to HIV-1, HIV-2, HCV, HTLV-I, HTLV-II, and HBsAg. These materials have not been inactivated.

Data are provided for informational purposes. SeraCare Life Sciences does not claim that others can duplicate these test results exactly.

**HIV-1 Ag AccuSpan Linearity Panel**



Panel members 1 through 5 are displayed in units of IU/mL. The results of the HIV p24 Antigen test were calibrated to the WHO International Standard (NIBSC code 09/636) followed by regression analysis to determine panel member concentration in IU/mL. The observed panel member concentration was then plotted against the concentration expected from the established manufacturing procedure. A line of best fit is shown.



HIV-1 Ag (IU/mL)

Panel Member	Step Dilution Factor	Average Observed (IU/mL)
2410-0192 Member 1	Neat	44.93
2410-0193 Member 2	1:2	24.46
2410-0194 Member 3	1:2	11.18
2410-0195 Member 4	1:5	1.50
2410-0196 Member 5	1:2	0.13
2410-0198 Member 6	N/A	Negative
2410-0199 Negative Diluent	N/A	Negative

Test Date	28 May 2014
Test Site	External Test Site
Kit Part Code	NEK050A
Kit Lot No.	990-13501
Kit Lot Expiry	10 Oct 2014
Kit Regulatory Status	For Research Use Only

NA = not applicable

For assistance, contact SeraCare Technical Support at 508.244.6400.

The Package Insert for this panel in PDF form can be found at [www.seracare.com](http://www.seracare.com)

A printed copy of the Package Insert or Data Sheet may be requested by email at [info@seracare.com](mailto:info@seracare.com), or by phone at 508.244.6400

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