

**Centre for AIDS Reagents**

**Data Sheet**

**PRODUCT NAME** HIV-1 ES X-531-2 (CRF12\_BF)

**REPOSITORY REFERENCE** ARP1120

**DESCRIPTION**

**ORIGIN** Argentina

**SUBTYPE** CRF12\_BF

**SEQUENCE**

**PATIENT CHARACTERISTICS**

|                          |                   |
|--------------------------|-------------------|
| Date of blood extraction | 7/06/00           |
| Age                      | 35                |
| Sex                      | Female            |
| Transmission route       | Heterosexual      |
| Country of origin        | Argentine         |
| Country of study         | 18/04/00          |
| Stage of the disease     | Chronic infection |

**BIOLOGICAL AND GENETIC CHARACTERISTICS**

|                                                   |                   |
|---------------------------------------------------|-------------------|
| Syncytium inducing phenotype (MT2)                | NSI               |
| Coreceptor use: CCR5, CXCR4                       | R5                |
| Titration of infectivity (TCID <sup>50</sup> /ml) | 10 <sup>6.6</sup> |
| Full-length genome                                | CRF20_BG          |

**VIROLOGICAL/IMMUNOLOGICAL DATA**

|                              |                                                                  |
|------------------------------|------------------------------------------------------------------|
| Date of study                | 18/05/09                                                         |
| CD4 (cells/mm <sup>3</sup> ) | 9                                                                |
| Viral load (copies/ml)       | 592,000                                                          |
| RT resistance mutations      | M41L, D67N, T69D, K70R, L74v, K103N, Y181C, G190A, T215F, K219Q, |
| PR resistance mutations      | NONE                                                             |

|                     |                                                                                                                                 |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <b>PROPAGATION</b>  | PBMC in RPMI 1640 + 10% FCS                                                                                                     |
| <b>PRESENTATION</b> | 1ml of cell supernatant from cultured PBMCs                                                                                     |
| <b>STORAGE</b>      | -80°C                                                                                                                           |
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