

**Centre for AIDS Reagents**

**Data Sheet**

**PRODUCT NAME** HIV-1 ES P-1423 (CRF02\_AG)

**REPOSITORY REFERENCE** ARP1081

**DESCRIPTION**

**ORIGIN** Angola

**SUBTYPE** CRF02\_AG

**SEQUENCE**

Date of blood extraction	3/10/06
Date of HIV-1 isolation	28/03/08-25/04/08 (from plasma frozen)
Date of stock production	9/5/08
Date of harvested	22/5/08

**PATIENT CHARACTERISTICS**

Date of the study	3/10/06
Age	48
Sex	Male
Transmission route	Heterosexual
Country of origin	Angola
Country of study	Spain
Stage of the disease	RECENT INFECTION (Seroconversion 40 days before the blood extraction)

**BIOLOGICAL AND GENETIC CHARACTERISTICS**

Syncytium inducing phenotype (MT2)	NSI
Coreceptor use: CCR5, CXCR4	R5
Titration of infectivity (TCID <sup>50</sup> /ml)	10 <sup>5.4</sup>
Full-length genome	CRF02_AG

#### VIROLOGICAL/IMMUNOLOGICAL DATA

Date of study	24/08/06
CD4 (cells/mm <sup>3</sup> )	730
Viral load (copies/ml)	390622
RT resistance mutations	None
PR resistance mutations	L10V, K20R, M36I

#### SEROLOGICAL DATA

Serological study	24/08/06	3/10/06
Anti HIV-1/2 (Ag+Ac) VIDAS)	Positive	Positive
HIV Ab-Ag	Positive	Positive
Western Blot	Indeterminate Positive	

#### PROPAGATION

PBMC in RPMI 1640 + 10% FCS

#### PRESENTATION

1ml of cell supernatant from cultured PBMCs

#### STORAGE

-80°C

#### CONTRIBUTOR

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