

Centre for AIDS Reagents

Data Sheet

PRODUCT NAME HIV-1 ES X-2149 (B)

REPOSITORY REFERENCE ARP1071

DESCRIPTION

ORIGIN Spain

SUBTYPE B

SEQUENCE Genbank accession no EU786678

Date of blood extraction	28/2/07
Date of HIV-1 isolation	28/2/07- 1/03/07
Date of stock production	25/1/08
Date of harvested	8/2/08

PATIENT CHARACTERISTICS

Date of the study	28/2/07
Age	39
Sex	Male
Transmission route	IDU
Country of origin	Spain
Country of study	Spain
Stage of the disease	ACUTE INFECTION

BIOLOGICAL AND GENETIC CHARACTERISTICS

Syncytium inducing phenotype (MT2)	NSI
Coreceptor use: CCR5, CXCR4	R5
Titration of infectivity (TCID ⁵⁰ /ml)	10 ^{4.8}
Full-length genome	Subtype B

VIROLOGICAL/IMMUNOLOGICAL DATA

Date of study	28/2/07
CD4 (cells/mm ³)	548
Viral load (copies/ml)	515000
RT resistance mutations	None
PR resistance mutations	None

SEROLOGICAL DATA

Serological study	07/02/07	26/02/07	26/04/07
Anti HIV-1/2 (Ab-Ag) VIDAS	Negative	Positive	Positive
HIV Ab-Ag	Positive	Positive	Positive
Western Blot	Negative	Negative	Negative

PROPAGATION

PBMC in RPMI 1640 + 10% FCS

PRESENTATION

1ml of cell supernatant from cultured PBMCs

STORAGE

-80°C

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