

Native Human T-Lymphotropic Virus Type II, Inactivated, Tag Free

Cat. No. HTLV-II-16H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	10,000× concentrate of HTLV-II viral lysate prepared from Prostat-filtered/centrifuged material and inactivated with 22% Nonidet P40 detergent and 5M NaCl.
Species	HTLV2
Source	BJAB cells
Description	Human T-lymphotropic virus type 1 (HTLV-1) is a complex leukemogenic retrovirus with a single-stranded positive sense RNA genome that expresses unique proteins with oncogenic potential. There are four known strains of HTLV, of which HTLV-1 and HTLV-2 are the most prevalent worldwide. HTLV-1 was originally identified in 1980 in a T-cell line derived from a patient with cutaneous T-cell lymphoma (Hinuma et al., 1981) and was also detected in adult T-cell leukemia (ATL) patients (Yoshida et al., 1982; Kalyanaraman et al., 1982). Subsequently, HTLV-2 was identified in a cell line derived from a patient with a variant form of hairy T-cell leukemia (Saxon et al., 1978a,b; Boxus et al., 2008). Since then, HTLV-2 has not been associated with leukemia/lymphoma; nevertheless, it has been associated with a few sporadic cases of neurological disorders.
Tag	Non
Reactivity	Verification of Inactivation ≥ 95%, Western Blot bands p24 and gp46 are present
Storage	-60 centigrade or below

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Concentration	Approximately 4 mg/mL
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Storage Buffer	TNE (Tris, NaCl, EDTA) Buffer, pH 7.02-7.35 and 0.6% NP-40
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GENE INFORMATION

Official Symbol	HTLV-II
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Synonyms	HTLV-II; Human T-Lymphotropic Virus Type II
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