

Herpes Simplex Virus (HSV) Type II Concentrate

Availability/Contents:	Item #	Volume
	A9119C	1 ml

Description:

Species: Rabbit

Immunogen: Detergent-solubilized HSV type II (strain MS) infected whole rabbit cornea cells.

Clone: Polyclonal.

Isotype: Polyclonal

Format: Purified immunoglobulin fraction of rabbit antiserum provided in liquid form. Provided in 0.1 mol/liter NaCl, 15 mmol/liter NaN₃.


Specificity: The antibody reacts with HSV type II specific antigens and with antigens common to HSV types I and II. The antibody reacts with all the major glycoproteins present in the viral envelope and at least one core protein as determined by crossed immunoelectrophoresis.


Contaminating antibodies to human and bovine serum have been removed by solid-phase absorption.


The antibody shows no reaction with human and bovine plasma when tested by ELISA. The antibody shows no cross-reactivity to cytomegalovirus and Epstein-Barr virus. A weak cross-reactivity to varicella zoster virus can be expected if the antibody is used in a relatively high concentration. However, no cross-reactivity was found when the antibody was tested by indirect immunofluorescence at a dilution of 1:50.

Species Reactivity: Human

Positive Control: Known HSV type II positive slide.

Storage: 2°C  8°C

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Cellular Localization: Both viral envelope and core.

Titer/Working Dilution: Immunohistochemistry 1:100 (1)
Immunofluorescence 1:100
ELISA 1:1000 (2)


Uses/Limitations: Immunohistochemistry
Indirect Immunofluorescence
ELISA
Serology
For In-Vitro Use Only.
Do not use past expiration date.


Storage: 2-8° Centigrade.


Precautions: Contains Sodium Azide as a preservative.
Do not pipette by mouth.

References:

1. Adams RL, Springall DR, Levene MM, Bushell TE. The immunohistochemical detection of herpes simplex virus in cervical smears. – A valuable technique for routine use. J Pathol 1984;143:241-7.
2. Vestergaard BF. Antigens and antibodies in viral disease. In: Bergmeyer HUB, ed. Methods of enzymatic analysis. Vol X. Weinheim: VCH, 1986:226-42.
3. Vestergaard BF, Grauballe PC. ELISA for herpes simplex virus (HSV) type-specific antibodies in human sera using HSV type I and type II polyspecific antigens blocked with type-heterologous rabbit antibodies. Acta Path Microbiol Scand 1979;sect B 87:261-3.

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