

Herpes Simplex Virus 1 (2X)

Prediluted Polyclonal Antibody

Control Number: 903-3027-060112

ISO
9001&13485
CERTIFIED

Catalog Number: APA 3027 AAK

Description: 6.0 ml, prediluted

Dilution: Ready-to-use

Diluent: N/A

Intended Use:

Analyte Specific Reagent. Analytical and performance characteristics have not been established.

Summary & Explanation:

This antibody reacts with Herpes Simplex Virus (HSV) 1. It reacts with major viral envelope glycoproteins and with core proteins. Infected biopsy tissues include esophagus, lung, liver, cervix and perianal region, as well as cytology specimens. HSV can also infect both the peripheral and central nervous system. Viral antigens may be detected in the cytoplasm and nucleus. Typically, HSV Type 1 infects tissues such as lung and esophagus. This antibody does not cross-react with cytomegalovirus, Epstein-Barr virus, or varicella zoster virus.

Clone: N/A

Isotype: N/A

Known Applications:

Immunohistochemistry (formalin-fixed paraffin-embedded tissues)

Supplied As:

Buffer with protein carrier and preservative

Dropper Bottle (DBAB30)

Storage and Stability:

Store at 2°C to 8°C. Do not use after expiration date printed on vial. If reagents are stored under conditions other than those specified in the package insert, they must be verified by the user.

Analyte Specific Reagent Note:

Each lot of Herpes Simplex Virus 1 (2X) antibody has been quality control tested by IHC format (DAB only) with Herpes Simplex Virus 2 (2X) (Cat# APA3028), using Biocare's MACH 4; however, it is the responsibility of the laboratory or the end user to develop their own protocol and label appropriate disclaimer.

Limitations and Warranty:

There are no warranties, expressed or implied, which extend beyond this description. Biocare is not liable for property damage, personal injury, or economic loss caused by this product.

References:

1. Mehraein Y, *et al.* Replicative multivirus infection with cytomegalovirus, herpes simplex virus 1, and parvovirus B19, and latent Epstein-Barr virus infection in the synovial tissue of a psoriatic arthritis patient. *J Clin Virol.* 2004 Sep;31(1):25-31.
2. Martin JR, *et al.* Type-specific identification of herpes simplex and varicella-zoster virus antigen in autopsy tissues. *Hum Pathol.* 1991 Jan;22(1):75-80.
3. Tomita T, Chiga M, Lenahan M, Balachandran N. Identification of herpes simplex virus infection by immunoperoxidase and in situ hybridization methods. *Virchows Arch A Pathol Anat Histopathol.* 1991;419(2):99-105.
4. Center for Disease Control Manual. Guide: Safety Management, NO. CDC-22, Atlanta, GA. April 30, 1976 "Decontamination of Laboratory Sink Drains to Remove Azide Salts."
5. Clinical and Laboratory Standards Institute (CLSI). Protection of Laboratory Workers from Occupationally Acquired Infections; Approved guideline-Third Edition CLSI document M29-A3 Wayne, PA 2005.