

AffiCHECK® Herpes Simplex Virus 2 (HSV2) (MS) PCR Quantitative Quality Control (L4)

AFG-CHK-0232

PRODUCT DESCRIPTION:

AffiCHECK® Herpes Simplex Virus 2 (HSV2) (MS) - PCR Quantitative Quality Control L4 is a high-quality, reliable standard containing known quantities of intact HSV2 viral particles. It's designed using modified and non-infectious virus to ensure stability, thereby contributing to accurate and reliable results in PCR applications.

INTENDED USE:

AffiCHECK® Herpes Simplex Virus 2 (HSV2) (MS) - PCR Quantitative Quality Control L4 serves as a comprehensive process control for the evaluation of the performance of nucleic acid tests for determination of the presence of Herpes Simplex Virus 2 (HSV2) (MS) nucleic acid in samples. It's essential in quantitative performance validation of the PCR assays in clinical, research, and diagnostic settings.

PRODUCT FEATURES:

Specificity: Tailored for Herpes Simplex Virus 2 (HSV2) (MS) detection.

Formulation: 1 mL solution of inactivated Herpes Simplex Virus 2 (HSV2) (MS) in suitable sample-like matrix.

Convenience: Ready-to-use upon receipt. Dilution maybe required.

Compatibility: Suitable for a wide range of PCR assays.

CHARACTERISTICS:

Cultivation & Extraction: Cultivated in Vero cells and purified using a reliable isolation method.

Quality Control: Subjected to rigorous testing to ensure batch consistency and reliability.

Packaging: Provided in a protective, heat-sealed foil pouch with silica gel.

PERFORMANCE CHARACTERISTICS:

Sensitivity: Optimized for high sensitivity in PCR detection.

Specificity: Exclusively detects Herpes Simplex Virus 2 (HSV2) (MS Strain).

Reproducibility: Consistent results across different test runs and batches.

PACK CONTENT :

Component	Size	Concentration
Herpes Simplex Virus 2 (HSV2) (MS) – L4 Disactivated Particles	1 mL	10 000 Copies/mL

PRECAUTIONS:

- For research use or diagnostic control purposes only.
- Follow standard laboratory practices and use PPE.
- Use [Sterile Filter Tips](#) to prevent contamination.
- Handle infectious specimens with precautions.
- Disinfect work surfaces.
- Maintain separate working areas for testing.
- Dispose of unused reagents and waste as per regulations.
- May contain genetic material, handle with care.
- No method ensures total absence of infectious agents.
- Follow local waste disposal rules.
- Avoid freezing dilutions to prevent particles degradation.

INSTRUCTIONS FOR USE:

- Open the foil pouch of AffiCHECK® Herpes Simplex Virus 2 (HSV2) (MS).
- Vortex the vial for few seconds for homogenization.
- Follow the equipment manufacturer's instructions meticulously for assays that provide results directly from the sample.
- Prior use in subsequent tests, ensure nucleic acid extraction is conducted according to prescribed protocols.

RECOMMENDED STORAGE:

- Upon receipt: Store at 2-8°C.
- Shipping: No special instructions.
- Shelf Life: 12 months from production date.

ORDERING INFORMATION :

Catalog Number	Description	Size	Concentration
AFG-CHK-0232	Herpes Simplex Virus 2 (HSV2) (MS) – PCR Quantitative Quality Control L4	1 mL	10 000 Copies/mL