

## AffiCHECK® Herpes Simplex Virus 2 (HSV2) (MS) PCR Quantitative Quality Control (L5)

AFG-CHK-0233

### PRODUCT DESCRIPTION:

AffiCHECK® Herpes Simplex Virus 2 (HSV2) (MS) - PCR Quantitative Quality Control L5 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 L5 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    |
|---|------|------------------|
| <b>Herpes Simplex Virus 2 (HSV2) (MS) – L5<br/>Disactivated Particles</b> | 1 mL | 50 000 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-0233   | Herpes Simplex Virus 2 (HSV2) (MS) –<br>PCR Quantitative Quality Control L5 | 1 mL | 50 000 Copies/mL |