

## Specification sheet

<b>Protein</b>	<b>HSV gG2</b>
<b>REF</b>	<b>17-03</b>
<b>Description</b>	<i>E.coli</i> derived recombinant protein, contains immunodominant Herpes Simplex Virus gG2 region (525-578 aa) and 6xHis-tag
<b>Source</b>	<i>E.coli</i>
<b>Molecular weight</b>	10 kDa
<b>Format</b>	Purified, liquid
<b>Purification</b>	Ion exchange chromatography, Metal affinity chromatography, dialysis
<b>Purity</b>	>95%, 15% SDS-PAGE Comassie staining
<b>Concentration</b>	Lot specific, >1 mg/mL (Pierce BCA Protein Assay)
<b>Buffer</b>	PBS (20 mM Na <sub>2</sub> HPO <sub>4</sub> , 150 mM NaCl), pH 7.2
<b>Preservative</b>	0.02% NaN <sub>3</sub>
<b>Storage</b>	+4°C short term; -18...-22°C or below for 3 years; avoid multiple freeze/thaw cycles
<b>Applications</b>	Western blot, ELISA; reacts with Herpes Simplex Virus type 2 positive serum with no cross reactivity with Herpes Simplex Virus type 1 positive serum