

**Certificate of Analysis  
GM501 PVP**

|                     |                  |
|---------------------|------------------|
| Batchnumber         | PVP-1821         |
| Production date     | 28 November 2018 |
| Expiry date         | 31 August 2019   |
| Total volume (kits) | 417              |
| Batchnumber HSA     | B3AKC00053       |

|                             | <b>Results</b> | <b>Specifications</b> |
|-----------------------------|----------------|-----------------------|
| pH                          | 7,37           | 7,20-7,60             |
| Osmolality                  | 296            | 280-320 mOsm/kg       |
| Bacterial screen            | PASSED         | PASSED                |
| Fungal screen               | PASSED         | PASSED                |
| Endotoxin                   | < 0,09         | < 1,00 EU/mL          |
| Viscosity in cP (26°C)      | 234            | > 170 cP              |
| Mouse Embryo Assay (1-cell) | 90,48          | ≥ 80 %                |

*Source materials from which this product was derived was found negative when tested for antibodies against HIV-1/2 and HCV and non-reactive for HbsAg, HBV RNA, HIV-1 RNA and syphilis. No known test method can offer assurance that products derived from human blood will not transmit infectious agents. Therefore, handle all specimens as if capable of transmitting HIV or hepatitis.*

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|--------------|---------------------|
| Release date | 13 December 2018    |
| Released by  | Dr. Julia Heinzmann |
| Signature    |                     |

*p.p. Julia Heinzmann*