

**Certificate of Analysis  
GM501 VitriStore Freeze**

|                     |               |
|---------------------|---------------|
| Batchnumber         | VITRI-1803    |
| Production date     | 26 March 2018 |
| Expiry date         | 31 March 2019 |
| Total volume (Kits) | 199           |
| Batchnumber HSA     | B3AKA00593    |

**GM501 VitriStore Pre-**

| <b>Vitrification</b> | <b>Results</b> | <b>Specifications</b> |
|----------------------|----------------|-----------------------|
| pH                   | 7,33           | 7,20-7,40             |
| Sterility test       | PASSED         | PASSED                |
| Endotoxin            | < 0,1          | < 0,25 EU/mL          |
| Osmolality           | 282            | 270-290 mOsm/kg       |

**GM501 VitriStore Freeze 1**

| <b>Results</b> | <b>Specifications</b> |
|----------------|-----------------------|
| pH             | 7,20-7,40             |
| Sterility test | PASSED                |
| Endotoxin      | < 0,25 EU/mL          |

**GM501 VitriStore Freeze 2**

| <b>Results</b> | <b>Specifications</b> |
|----------------|-----------------------|
| pH             | 7,20-7,40             |
| Sterility test | PASSED                |
| Endotoxin      | < 0,25 EU/mL          |

|                             |     |        |
|-----------------------------|-----|--------|
| Mouse Embryo Assay (1-cell) | 100 | ≥ 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.*

Release date 11 April 2018

Released by Dr. Julia Heinzmann

Signature

*p.p. Julia Heinzmann*