GT Analytics - Capsid AAV9-ELISA

SOP-234702

# Objective

Capsid concentration is determined for unknown samples.

# Method Status

For detailed method status see either SOP-234702 and/or method history file DMD-211328.

# Results - Current Reference

## Plate 1

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sample type | Sample Name | Pre-dilution | Result [cp/ml] | CV [%] | Comment |
| control 01 | Kontrolle01 | 100 | **2.630e+12** | 8.4 |  |
| sample 01 | Neue Kontrolle | 10 | **1.148e+11** | 5.7 |  |
| sample 02 | E686\_2301\_UFA\_UFA | 10 | **<2.805e+9** | NA | <2.805e+9 |
| sample 03 | E686\_2301\_UFA\_UFA | 100 | ( <2.805e+10 )\* | NA | <2.805e+10 |
| sample 04 | E686\_2301\_UFA\_UDFA | 10 | **<2.805e+9** | NA | <2.805e+9 |
| sample 05 | E686\_2301\_UFA\_UDFA | 100 | ( <2.805e+10 )\* | NA | <2.805e+10 |
| sample 06 | Neue Kontrolle | 10 | **1.359e+11** | 19.4 |  |
| sample 07 | Neue Kontrolle, händisch vorverdünnt 1:10 | 10 | **1.078e+11** | 4.6 |  |
| sample 08 | EHU04\_2311\_MUQ\_FT | 100 | **9.227e+11** | 9.3 |  |
| sample 09 | LV7006829821 (EHU04\_2311\_AAV9\_E2) | 1000 | **1.654e+13** | 15.9 |  |
| sample 10 | LV7006829817 (EHU04\_2311\_AAV9\_E1+E3) | 2000 | **3.232e+12** | 11.2 |  |
| sample 11 | LV7006829853 (EHU04\_2311\_AAV9\_E\_DIL) | 1000 | **1.134e+13** | 12.0 |  |
| sample 12 | Neue Kontrolle | 10 | **1.200e+11** | 7.5 |  |
| sample 13 | Neue Kontrolle, händisch vorverdünnt 1:10 | 10 | **1.051e+11** | 7.2 |  |
| sample 14 | Neue Kontrolle, händisch vorverdünnt 1:10 | 10 | **1.094e+11** | 8.9 |  |
| sample 15 | Platte1, Pr. 15 | 10 | **<2.805e+9** | NA | <2.805e+9 |
| sample 16 | Platte1, Pr. 16 | 10 | **<2.805e+9** | NA | <2.805e+9 |
| sample 17 | Platte1, Pr. 17 | 10 | **<2.805e+9** | NA | <2.805e+9 |
| sample 18 | Platte1, Pr. 18 | 10 | **<2.805e+9** | NA | <2.805e+9 |
| sample 19 | Platte1, Pr. 19 | 10 | **<2.805e+9** | NA | <2.805e+9 |
| sample 20 | Platte1, Pr. 20 | 10 | **<2.805e+9** | NA | <2.805e+9 |
| sample 21 | Platte1, Pr. 21 | 10 | **<2.805e+9** | NA | <2.805e+9 |

\* sample will be retested

# Evaluation criteria

Validity of the assay: Intermediary control sample limits (3s) are 1.888e+12 - 2.703e+12 cp/ml.