

Astellas BQT Assay Report

Test Article Report

| Assay Details | |
|---|-------------|
| | |
| User Information | |
| User Name: harding Computer Name: DESKTOP-RFHI5SO | |
| Logon Server: \\DESKTOP-RFHISSO | |
| User Domain: DESKTOP-RFHI5SO | |
| Astellas BQT Infectivity PLA Script Version 0.1 | |
| JMP Version 18.1.0 | |
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| | |
| | |
| Analyst Signature/Date | |
| Allalyst Signature/Date | |
| | |
| | |
| | |
| Approver Signature/Date | |

Astellas BQT Infectivity Files

First Data FileSecond Data File18OCT2024_Plate03_KL-S318OCT2024_Plate03_KL-S4

50% L01-240910_1 & Reference Standard Data

| | | | | Accepted | Std | | | | | Outlier | Externally Outlier |
|----------------------|----------|--------|-----------|----------|--------------|--------------|--------|--------------|--------------|--------------------------|-------------------------------------|
| Group | Sampling | N Rows | Vg/mL | Droplets | Dev(Vg/mL) | CV(Vg/mL) | MOI | Log10 MOI | Log10 Vg/mL | Jackknife z Within Group | Studentized Residuals Between Group |
| 50% L01-240910_1 | 13 | 2 | 1.846e+10 | 19212 | 1046797271.2 | 5.669173539 | 1.6e+1 | 1.2041199827 | 10.26634283 | 2.307 Pass | 0.785 Ok |
| 50% L01-240910_1 | 14 | 2 | 1.154e+10 | 20496 | 133015616.6 | 1.1528235451 | 8e+0 | 0.903089987 | 10.062139794 | 2.656 Pass | 2.386 Ok |
| 50% L01-240910_1 | 15 | 2 | 5.404e+9 | 20282 | 177405513.34 | 3.2830346726 | 4e+0 | 0.6020599913 | 9.7326916431 | 1.807 Pass | 1.102 Ok |
| 50% L01-240910_1 | 16 | 2 | 2.944e+9 | 19460.5 | 56060299.031 | 1.9039125695 | 2e+0 | 0.3010299957 | 9.4690084089 | 1.996 Pass | 1.496 Ok |
| 50% L01-240910_1 | 17 | 2 | 1.643e+10 | 19077.5 | 1033162251.4 | 6.2868996979 | 1.6e+1 | 1.2041199827 | 10.215731998 | 0.043 Pass | -0.281 Ok |
| 50% L01-240910_1 | 18 | 2 | 9.459e+9 | 19732.5 | 188463982.8 | 1.9924404129 | 8e+0 | 0.903089987 | 9.9758430228 | 0.112 Pass | 0.438 Ok |
| 50% L01-240910_1 | 19 | 2 | 4.726e+9 | 20131.5 | 98091321.701 | 2.075351646 | 4e+0 | 0.6020599913 | 9.6745388925 | 0.088 Pass | -0.048 Ok |
| 50% L01-240910_1 | 20 | 2 | 2.551e+9 | 20294 | 40150072.104 | 1.5738839181 | 2e+0 | 0.3010299957 | 9.4067136317 | 0.033 Pass | 0.119 Ok |
| 50% L01-240910_1 | 21 | 2 | 1.464e+10 | 19522 | 173507016.57 | 1.1853448318 | 1.6e+1 | 1.2041199827 | 10.165472332 | 1.958 Pass | -1.391 Ok |
| 50% L01-240910_1 | 22 | 2 | 7.950e+9 | 19997 | 155852437.26 | 1.9603972923 | 8e+0 | 0.903089987 | 9.9003695043 | 1.733 Pass | -1.041 Ok |
| 50% L01-240910_1 | 23 | 2 | 3.856e+9 | 20129.5 | 151481358.05 | 3.9288780116 | 4e+0 | 0.6020599913 | 9.5860906454 | 2.526 Pass | -1.906 Ok |
| 50% L01-240910_1 | 24 | 2 | 2.119e+9 | 20119.5 | 64724449.5 | 3.0542138986 | 2e+0 | 0.3010299957 | 9.3261689162 | 2.259 Pass | -1.666 Ok |
| Ref.Std (L01-240910) | 1 | 2 | 3.706e+10 | 18978 | 760275303.25 | 2.0513230621 | 1.6e+1 | 1.2041199827 | 10.56893682 | 0.993 Pass | -0.758 Ok |
| Ref.Std (L01-240910) | 2 | 2 | 1.676e+10 | 19425 | 448865633.8 | 2.6779458075 | 8e+0 | 0.903089987 | 10.224314572 | 2.677 Pass | -0.805 Ok |
| Ref.Std (L01-240910) | 3 | 2 | 7.894e+9 | 19283 | 173809988.84 | 2.2019327821 | 4e+0 | 0.6020599913 | 9.8972706745 | 2.803 Pass | -0.561 Ok |
| Ref.Std (L01-240910) | 4 | 2 | 3.558e+9 | 19900.5 | 119963713.77 | 3.3714963187 | 2e+0 | 0.3010299957 | 9.5512272121 | 1.253 Pass | -0.755 Ok |
| Ref.Std (L01-240910) | 5 | 2 | 3.782e+10 | 19498 | 2633987435.9 | 6.9650394744 | 1.6e+1 | 1.2041199827 | 10.577690117 | 0.469 Pass | -0.569 Ok |
| Ref.Std (L01-240910) | 6 | 2 | 1.968e+10 | 19161.5 | 988424708.4 | 5.0234907393 | 8e+0 | 0.903089987 | 10.293937987 | 0.116 Pass | 0.549 Ok |
| Ref.Std (L01-240910) | 7 | 2 | 8.739e+9 | 19226 | 368054388.21 | 4.2113957236 | 4e+0 | 0.6020599913 | 9.9414859483 | 0.137 Pass | 0.293 Ok |
| Ref.Std (L01-240910) | 8 | 2 | 3.686e+9 | 19778.5 | 16840666.879 | 0.4568279827 | 2e+0 | 0.3010299957 | 9.5666065868 | 0.313 Pass | -0.426 Ok |
| Ref.Std (L01-240910) | 9 | 2 | 4.155e+10 | 19128 | 1958531281.1 | 4.7134708372 | 1.6e+1 | 1.2041199827 | 10.618589688 | 7.706 Pass | 0.287 Ok |
| Ref.Std (L01-240910) | 10 | 2 | 2.177e+10 | 20050 | 122498999.17 | 0.562730193 | 8e+0 | 0.903089987 | 10.337832323 | 1.723 Pass | 1.464 Ok |
| Ref.Std (L01-240910) | 11 | 2 | 9.310e+9 | 19816.5 | 38582938.215 | 0.4144158489 | 4e+0 | 0.6020599913 | 9.9689589413 | 1.661 Pass | 0.834 Ok |
| Ref.Std (L01-240910) | 12 | 2 | 4.019e+9 | 20427 | 40014284.268 | 0.9957034587 | 2e+0 | 0.3010299957 | 9.6040850374 | 4.371 Pass | 0.357 Ok |

Within Group Jackknife z Outlier Limit (≥): 4

Between Group Externally Studentized Residuals Outlier Limit (\geq): 4

Accepted Droplets: Invalid wells with < 10,000 accepted droplets excluded from all calculations

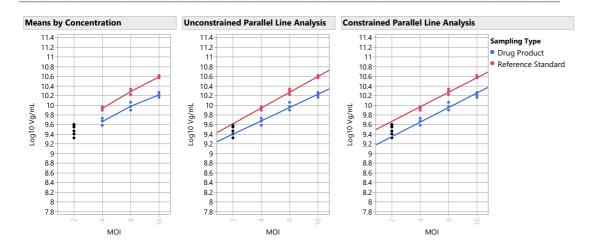
50% L01-240910_1 Test Sample & Reference Standard Summary Statistics

| | | | | Std |
|----------------------|--------|--------|-------------|------------|
| Group | MOI | N Rows | Mean(Vg/mL) | Dev(Vg/mL) |
| Ref.Std (L01-240910) | 2e+0 | 3 | 3.75e+9 | 2.38e+8 |
| Ref.Std (L01-240910) | 4e+0 | 3 | 8.65e+9 | 7.13e+8 |
| Ref.Std (L01-240910) | 8e+0 | 3 | 1.9e+10 | 2.51e+9 |
| Ref.Std (L01-240910) | 1.6e+1 | 3 | 3.9e+10 | 2.4e+9 |
| 50% L01-240910_1 | 2e+0 | 3 | 2.54e+9 | 4.13e+8 |
| 50% L01-240910_1 | 4e+0 | 3 | 4.66e+9 | 7.76e+8 |
| 50% L01-240910_1 | 8e+0 | 3 | 9.65e+9 | 1.8e+9 |
| 50% L01-240910 1 | 1.6e+1 | 3 | 1.7e+10 | 1.91e+9 |

50% L01-240910_1 Model Selection

| | Parallelism | Linearity | | | Validity | |
|--|-------------|-----------|-------|-------|---------------------|---|
| Model | Slope Ratio | Ratio | R2 | RMSE | Evaluation | Selected Model |
| Model 2, Low Standard and Test Doses Excluded | 0.845 | 5.192 | 0.972 | 0.056 | Parallel and Linear | Model 2, Low Standard and Test Doses Excluded |
| Model 1, All Doses | 0.814 | 2.630 | 0.983 | 0.054 | Parallel and Linear | |
| Model 3, High Standard and Test Doses Excluded | 0.814 | 1.501 | 0.971 | 0.058 | Parallel and Linear | |
| Model 8, Standard Low Dose and Test High Dose Excluded | 0.887 | 0.292 | 0.983 | 0.058 | Parallel and Linear | |
| Model 7, Test High Dose Only Excluded | 0.853 | 2.143 | 0.984 | 0.054 | Parallel and Linear | |
| Model 4, Standard Low Dose Only Excluded | 0.846 | 2.283 | 0.981 | 0.056 | Parallel and Linear | |
| Model 6, Test Low Dose Only Excluded | 0.813 | 4.429 | 0.980 | 0.053 | Parallel and Linear | |
| Model 5, Standard High Dose Only Excluded | 0.776 | 1.609 | 0.974 | 0.056 | Parallel and Linear | |
| Model 9, Standard High Dose and Test Low Dose Excluded | 0.775 | 5.410 | 0.966 | 0.055 | Parallel and Linear | |

50% L01-240910_1 Graphs



50% L01-240910_1 Validity Report

| | | | Validity | | Overall |
|--|------------|------|-------------|--------------------------|----------------|
| Validity Criteria | LSL | USL | Results | Assay Validity | Validity |
| Dose Response Test | | 0.05 | 0.000 | Passed Validity Criteria | Assay is Valid |
| Reference Standard Curve Depth | 2720000000 | | 35056142037 | Passed Validity Criteria | |
| % Relative Infectivity Delta (Constrained - Unconstrained) | | 15 | 0.249 | Passed Validity Criteria | |
| Parallelism Slope Ratio | 0.7 | 1.4 | 0.845 | Passed Validity Criteria | |
| Linearity Ratio | | 26.3 | 5.192 | Passed Validity Criteria | |
| Unconstrained EC50 Standard | 0.04 | 61.8 | 4.650 | Passed Validity Criteria | |
| Number of Wells that Failed Accepted Droplets (<10000) | | 5 | 0.000 | Passed Validity Criteria | |

50% L01-240910_1 Relative Infectivity and Infectious Particle Ratio

| | | RI | | Reference | Relative Infectivity | Assay RI | Assay RI | Upper | Lower | | CI Range as % | |
|----------------|------------------|------------------|--------------|--------------|----------------------|-----------|-----------|------------|------------|----------|--------------------------------------|--------------------------------|
| EC50 Ref | EC50 Test | Uncorrected | Reference CF | Stability CF | Reportable Result | Upper 95% | Lower 95% | Spec Limit | Spec Limit | CI Range | of Tolerance CI Range % of Tolerance | Check OOS Validity |
| 5.56 | 11.52 | 48.2 | 0 | 0 | 48.2 | 53.4 | 43.1 | 150 | 50 | 10.2 | 10.2 Bioassay Results are Rep | ortable Assay is Valid and OOS |
| | | | | | | | | | | | | |
| | | Rela | ative | | | | | | | | | |
| Unconstrained | RI Constrained | RI Infectivity D | Delta | | | | | | | | | |
| 4 | 8.0 4 | 3.2 | 0.2 | | | | | | | | | |
| | | | | | | | | | | | | |
| Infectious | Infectious Parti | cle Infectious P | Particle | | | | | | | | | |
| Particle Ratio | Ratio Lower Lir | nit Ratio Uppe | r Limit | | | | | | | | | |
| 0.7 | | 0.3 | 1.0 | | | | | | | | | |

150% L01-240910_1 & Reference Standard Data

| | | | | Accepted | Std | | | | | Outlier | Externally Outlier |
|----------------------|----------|--------|-----------|----------|--------------|--------------|--------|--------------|--------------|--------------------------|-------------------------------------|
| Group | Sampling | N Rows | Vg/mL | Droplets | Dev(Vg/mL) | CV(Vg/mL) | MOI | Log10 MOI | Log10 Vg/mL | Jackknife z Within Group | Studentized Residuals Between Group |
| 150% L01-240910_1 | 25 | 2 | 4.418e+10 | 19996 | 1117564494.5 | 2.5297475867 | 1.6e+1 | 1.2041199827 | 10.645195405 | 6.522 Pass | 0.335 Ok |
| 150% L01-240910_1 | 26 | 2 | 2.550e+10 | 20365.5 | 562893082.9 | 2.2074702976 | 8e+0 | 0.903089987 | 10.406531043 | 80.472 Pass | 1.318 Ok |
| 150% L01-240910_1 | 27 | 2 | 1.230e+10 | 20080.5 | 129517198.73 | 1.0529509883 | 4e+0 | 0.6020599913 | 10.089919286 | 5.187 Pass | -0.117 Ok |
| 150% L01-240910_1 | 28 | 2 | 7.105e+9 | 20666.5 | 120860492.39 | 1.7010399847 | 2e+0 | 0.3010299957 | 9.851569837 | 0.478 Pass | 0.937 Ok |
| 150% L01-240910_1 | 29 | 2 | 4.324e+10 | 19797 | 760109575.1 | 1.7580116665 | 1.6e+1 | 1.2041199827 | 10.635854451 | 0.430 Pass | 0.031 Ok |
| 150% L01-240910_1 | 30 | 2 | 2.298e+10 | 20092.5 | 31656665.012 | 0.1377308391 | 8e+0 | 0.903089987 | 10.361433967 | 0.682 Pass | -0.088 Ok |
| 150% L01-240910_1 | 31 | 2 | 1.094e+10 | 20710 | 52721619.976 | 0.4817384535 | 4e+0 | 0.6020599913 | 10.039177432 | 1.154 Pass | -1.765 Ok |
| 150% L01-240910_1 | 32 | 2 | 7.215e+9 | 20526 | 88293615.492 | 1.2237302372 | 2e+0 | 0.3010299957 | 9.8582436097 | 0.981 Pass | 1.173 Ok |
| 150% L01-240910_1 | 33 | 2 | 4.301e+10 | 19822.5 | 1751865687.7 | 4.073324556 | 1.6e+1 | 1.2041199827 | 10.633551791 | 1.051 Pass | -0.044 Ok |
| 150% L01-240910_1 | 34 | 2 | 2.294e+10 | 20557 | 341864810.14 | 1.49026602 | 8e+0 | 0.903089987 | 10.3605906 | 0.732 Pass | -0.113 Ok |
| 150% L01-240910_1 | 35 | 2 | 1.127e+10 | 20848 | 21155586.254 | 0.1877249333 | 4e+0 | 0.6020599913 | 10.051903106 | 0.368 Pass | -1.310 Ok |
| 150% L01-240910_1 | 36 | 2 | 6.536e+9 | 20632 | 262772342.09 | 4.0203525339 | 2e+0 | 0.3010299957 | 9.8153155151 | 8.021 Pass | -0.260 Ok |
| Ref.Std (L01-240910) | 1 | 2 | 3.706e+10 | 18978 | 760275303.25 | 2.0513230621 | 1.6e+1 | 1.2041199827 | 10.56893682 | 0.993 Pass | -1.207 Ok |
| Ref.Std (L01-240910) | 2 | 2 | 1.676e+10 | 19425 | 448865633.8 | 2.6779458075 | 8e+0 | 0.903089987 | 10.224314572 | 2.677 Pass | -1.286 Ok |
| Ref.Std (L01-240910) | 3 | 2 | 7.894e+9 | 19283 | 173809988.84 | 2.2019327821 | 4e+0 | 0.6020599913 | 9.8972706745 | 2.803 Pass | -0.886 Ok |
| Ref.Std (L01-240910) | 4 | 2 | 3.558e+9 | 19900.5 | 119963713.77 | 3.3714963187 | 2e+0 | 0.3010299957 | 9.5512272121 | 1.253 Pass | -1.203 Ok |
| Ref.Std (L01-240910) | 5 | 2 | 3.782e+10 | 19498 | 2633987435.9 | 6.9650394744 | 1.6e+1 | 1.2041199827 | 10.577690117 | 0.469 Pass | -0.898 Ok |
| Ref.Std (L01-240910) | 6 | 2 | 1.968e+10 | 19161.5 | 988424708.4 | 5.0234907393 | 8e+0 | 0.903089987 | 10.293937987 | 0.116 Pass | 0.866 Ok |
| Ref.Std (L01-240910) | 7 | 2 | 8.739e+9 | 19226 | 368054388.21 | 4.2113957236 | 4e+0 | 0.6020599913 | 9.9414859483 | 0.137 Pass | 0.458 Ok |
| Ref.Std (L01-240910) | 8 | 2 | 3.686e+9 | 19778.5 | 16840666.879 | 0.4568279827 | 2e+0 | 0.3010299957 | 9.5666065868 | 0.313 Pass | -0.669 Ok |
| Ref.Std (L01-240910) | 9 | 2 | 4.155e+10 | 19128 | 1958531281.1 | 4.7134708372 | 1.6e+1 | 1.2041199827 | 10.618589688 | 7.706 Pass | 0.449 Ok |
| Ref.Std (L01-240910) | 10 | 2 | 2.177e+10 | 20050 | 122498999.17 | 0.562730193 | 8e+0 | 0.903089987 | 10.337832323 | 1.723 Pass | 2.491 Ok |
| Ref.Std (L01-240910) | 11 | 2 | 9.310e+9 | 19816.5 | 38582938.215 | 0.4144158489 | 4e+0 | 0.6020599913 | 9.9689589413 | 1.661 Pass | 1.336 Ok |
| Ref.Std (L01-240910) | 12 | 2 | 4.019e+9 | 20427 | 40014284.268 | 0.9957034587 | 2e+0 | 0.3010299957 | 9.6040850374 | 4.371 Pass | 0.558 Ok |

Within Group Jackknife z Outlier Limit (≥): 4

Between Group Externally Studentized Residuals Outlier Limit (≥): 4

Accepted Droplets: Invalid wells with < 10,000 accepted droplets excluded from all calculations

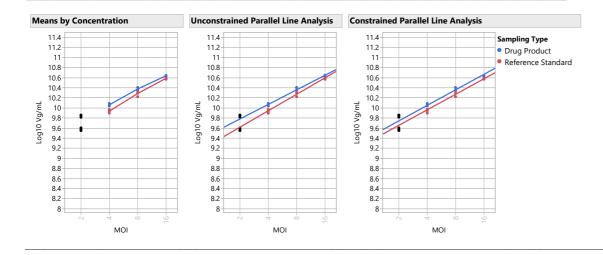
150% L01-240910_1 Test Sample & Reference Standard Summary Statistics

| | | | | Std |
|----------------------|--------|--------|-------------|------------|
| Group | MOI | N Rows | Mean(Vg/mL) | Dev(Vg/mL) |
| Ref.Std (L01-240910) | 2e+0 | 3 | 3.75e+9 | 2.38e+8 |
| Ref.Std (L01-240910) | 4e+0 | 3 | 8.65e+9 | 7.13e+8 |
| Ref.Std (L01-240910) | 8e+0 | 3 | 1.9e+10 | 2.51e+9 |
| Ref.Std (L01-240910) | 1.6e+1 | 3 | 3.9e+10 | 2.4e+9 |
| 150% L01-240910_1 | 2e+0 | 3 | 6.95e+9 | 3.64e+8 |
| 150% L01-240910_1 | 4e+0 | 3 | 1.2e+10 | 7.08e+8 |
| 150% L01-240910_1 | 8e+0 | 3 | 2.4e+10 | 1.47e+9 |
| 150% L01-240910_1 | 1.6e+1 | 3 | 4.3e+10 | 6.19e+8 |

150% L01-240910_1 Model Selection

| | Parallelism | Linearity | | | Validity | |
|--|-------------|-----------|-------|-------|---------------------|---|
| Model | Slope Ratio | Ratio | R2 | RMSE | Evaluation | Selected Model |
| Model 2, Low Standard and Test Doses Excluded | 0.886 | 4.074 | 0.987 | 0.034 | Parallel and Linear | Model 2, Low Standard and Test Doses Excluded |
| Model 1, All Doses | 0.797 | 0.476 | 0.992 | 0.034 | Parallel and Linear | |
| Model 3, High Standard and Test Doses Excluded | 0.751 | 3.401 | 0.985 | 0.037 | Parallel and Linear | |
| Model 6, Test Low Dose Only Excluded | 0.852 | 3.917 | 0.993 | 0.034 | Parallel and Linear | |
| Model 4, Standard Low Dose Only Excluded | 0.829 | 1.506 | 0.988 | 0.035 | Parallel and Linear | |
| Model 8, Standard Low Dose and Test High Dose Excluded | 0.819 | 3.211 | 0.984 | 0.038 | Parallel and Linear | |
| Model 9, Standard High Dose and Test Low Dose Excluded | 0.812 | 3.858 | 0.993 | 0.033 | Parallel and Linear | |
| Model 7, Test High Dose Only Excluded | 0.788 | 1.405 | 0.989 | 0.037 | Parallel and Linear | |
| Model 5, Standard High Dose Only Excluded | 0.761 | 2.010 | 0.992 | 0.034 | Parallel and Linear | |

150% L01-240910_1 Graphs



150% L01-240910_1 Validity Report

| | | | Validity | | Overall |
|--|------------|------|-------------|--------------------------|----------------|
| Validity Criteria | LSL | USL | Results | Assay Validity | Validity |
| Dose Response Test | | 0.05 | 0.000 | Passed Validity Criteria | Assay is Valid |
| Reference Standard Curve Depth | 2720000000 | | 35056142037 | Passed Validity Criteria | |
| % Relative Infectivity Delta (Constrained - Unconstrained) | | 15 | 0.090 | Passed Validity Criteria | |
| Parallelism Slope Ratio | 0.7 | 1.4 | 0.886 | Passed Validity Criteria | |
| Linearity Ratio | | 26.3 | 4.074 | Passed Validity Criteria | |
| Unconstrained EC50 Standard | 0.04 | 61.8 | 4.650 | Passed Validity Criteria | |
| Number of Wells that Failed Accepted Droplets (<10000) | | 5 | 0.000 | Passed Validity Criteria | |

150% L01-240910_1 Relative Infectivity and Infectious Particle Ratio

| | | RI | | Reference | Relative Infectivity | Assay RI | Assay RI | Upper | Lower | | CI Range as % | | |
|----------------|-------------------|------------------|--------------|--------------|----------------------|-----------|-----------|------------|------------|----------|---------------|---------------------------------|--------------------------------|
| EC50 Ref | EC50 Test | Uncorrected | Reference CF | Stability CF | Reportable Result | Upper 95% | Lower 95% | Spec Limit | Spec Limit | CI Range | of Tolerance | CI Range % of Tolerance Check | OOS Validity |
| 8.84 | 7.24 | 122.0 | 0 | 0 | 122.0 | 129.5 | 115.1 | 150 | 50 | 14.5 | 14.5 | Bioassay Results are Reportable | Assay is Valid and Within Limi |
| | | | | | | | | | | | | | |
| | | Rela | itive | | | | | | | | | | |
| Unconstrained | RI Constrained | RI Infectivity D | elta | | | | | | | | | | |
| 122 | 2.1 122 | .0 | 0.1 | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Infectious | Infectious Partic | le Infectious P | article | | | | | | | | | | |
| Particle Ratio | Ratio Lower Lin | nit Ratio Uppe | r Limit | | | | | | | | | | |
| 1.7 | C | .3 | 1.0 | | | | | | | | | | |

200% L01-240910 & Reference Standard Data

| | | | | Accepted | Std | | | | | Outlier | Externally Outlier | |
|----------------------|----------|--------|-----------|----------|--------------|--------------|--------|--------------|--------------|--------------------------|---------------------------------|------|
| Group | Sampling | N Rows | Vg/mL | Droplets | Dev(Vg/mL) | CV(Vg/mL) | MOI | Log10 MOI | Log10 Vg/mL | Jackknife z Within Group | Studentized Residuals Between G | roup |
| 200% L01-240910 | 37 | 2 | 5.344e+10 | 19290.5 | 80196876.213 | 0.1500625229 | 1.6e+1 | 1.2041199827 | 10.727885209 | 2.668 Pass | -0.062 Ok | |
| 200% L01-240910 | 38 | 2 | 3.096e+10 | 19264.5 | 154005481.06 | 0.4974087484 | 8e+0 | 0.903089987 | 10.490822758 | 6.431 Pass | 0.664 Ok | |
| 200% L01-240910 | 39 | 2 | 1.470e+10 | 20635 | 560906281.84 | 3.8146779658 | 4e+0 | 0.6020599913 | 10.167432423 | 1.692 Pass | -0.785 Ok | |
| 200% L01-240910 | 40 | 2 | 1.091e+10 | 20539 | 257568089.92 | 2.3602328346 | 2e+0 | 0.3010299957 | 10.03793721 | 7.404 Pass | 3.723 Ok | |
| 200% L01-240910 | 41 | 2 | 5.776e+10 | 19541.5 | 249954306.34 | 0.4327798418 | 1.6e+1 | 1.2041199827 | 10.7615936 | 1.727 Pass | 0.861 Ok | |
| 200% L01-240910 | 42 | 2 | 2.763e+10 | 20939.5 | 269194304.26 | 0.9743799903 | 8e+0 | 0.903089987 | 10.44133751 | 1.057 Pass | -0.577 Ok | |
| 200% L01-240910 | 43 | 2 | 1.404e+10 | 19917 | 594811930.38 | 4.2353940345 | 4e+0 | 0.6020599913 | 10.14748585 | 2.738 Pass | -1.325 Ok | |
| 200% L01-240910 | 44 | 2 | 8.118e+9 | 19609.5 | 102821370.74 | 1.2666382592 | 2e+0 | 0.3010299957 | 9.9094307874 | 1.006 Pass | -0.633 Ok | |
| 200% L01-240910 | 45 | 2 | 5.595e+10 | 19982 | 932086203.29 | 1.6659818239 | 1.6e+1 | 1.2041199827 | 10.747785821 | 0.115 Pass | 0.476 Ok | |
| 200% L01-240910 | 46 | 2 | 2.829e+10 | 19188 | 978378731.34 | 3.4586506089 | 8e+0 | 0.903089987 | 10.451600311 | 0.427 Pass | -0.318 Ok | |
| 200% L01-240910 | 47 | 2 | 1.443e+10 | 20530.5 | 91625658.209 | 0.6348367112 | 4e+0 | 0.6020599913 | 10.159355074 | 0.127 Pass | -0.998 Ok | |
| 200% L01-240910 | 48 | 2 | 8.605e+9 | 20956.5 | 277911220.03 | 3.2296461072 | 2e+0 | 0.3010299957 | 9.9347511442 | 0.461 Pass | 0.055 Ok | |
| Ref.Std (L01-240910) | 1 | 2 | 3.706e+10 | 18978 | 760275303.25 | 2.0513230621 | 1.6e+1 | 1.2041199827 | 10.56893682 | 0.993 Pass | -0.990 Ok | |
| Ref.Std (L01-240910) | 2 | 2 | 1.676e+10 | 19425 | 448865633.8 | 2.6779458075 | 8e+0 | 0.903089987 | 10.224314572 | 2.677 Pass | -1.053 Ok | |
| Ref.Std (L01-240910) | 3 | 2 | 7.894e+9 | 19283 | 173809988.84 | 2.2019327821 | 4e+0 | 0.6020599913 | 9.8972706745 | 2.803 Pass | -0.730 Ok | |
| Ref.Std (L01-240910) | 4 | 2 | 3.558e+9 | 19900.5 | 119963713.77 | 3.3714963187 | 2e+0 | 0.3010299957 | 9.5512272121 | 1.253 Pass | -0.987 Ok | |
| Ref.Std (L01-240910) | 5 | 2 | 3.782e+10 | 19498 | 2633987435.9 | 6.9650394744 | 1.6e+1 | 1.2041199827 | 10.577690117 | 0.469 Pass | -0.740 Ok | |
| Ref.Std (L01-240910) | 6 | 2 | 1.968e+10 | 19161.5 | 988424708.4 | 5.0234907393 | 8e+0 | 0.903089987 | 10.293937987 | 0.116 Pass | 0.714 Ok | |
| Ref.Std (L01-240910) | 7 | 2 | 8.739e+9 | 19226 | 368054388.21 | 4.2113957236 | 4e+0 | 0.6020599913 | 9.9414859483 | 0.137 Pass | 0.379 Ok | |
| Ref.Std (L01-240910) | 8 | 2 | 3.686e+9 | 19778.5 | 16840666.879 | 0.4568279827 | 2e+0 | 0.3010299957 | 9.5666065868 | 0.313 Pass | -0.553 Ok | |
| Ref.Std (L01-240910) | 9 | 2 | 4.155e+10 | 19128 | 1958531281.1 | 4.7134708372 | 1.6e+1 | 1.2041199827 | 10.618589688 | 7.706 Pass | 0.372 Ok | |
| Ref.Std (L01-240910) | 10 | 2 | 2.177e+10 | 20050 | 122498999.17 | 0.562730193 | 8e+0 | 0.903089987 | 10.337832323 | 1.723 Pass | 1.969 Ok | |
| Ref.Std (L01-240910) | 11 | 2 | 9.310e+9 | 19816.5 | 38582938.215 | 0.4144158489 | 4e+0 | 0.6020599913 | 9.9689589413 | 1.661 Pass | 1.093 Ok | |
| Ref.Std (L01-240910) | 12 | 2 | 4.019e+9 | 20427 | 40014284.268 | 0.9957034587 | 2e+0 | 0.3010299957 | 9.6040850374 | 4.371 Pass | 0.462 Ok | |

Within Group Jackknife z Outlier Limit (≥): 4

Between Group Externally Studentized Residuals Outlier Limit (≥): 4

Accepted Droplets: Invalid wells with < 10,000 accepted droplets excluded from all calculations

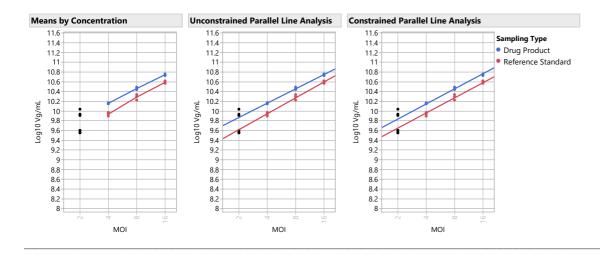
200% L01-240910 Test Sample & Reference Standard Summary Statistics

| | | | | Std |
|----------------------|--------|--------|-------------|------------|
| Group | MOI | N Rows | Mean(Vg/mL) | Dev(Vg/mL) |
| Ref.Std (L01-240910) | 2e+0 | 3 | 3.75e+9 | 2.38e+8 |
| Ref.Std (L01-240910) | 4e+0 | 3 | 8.65e+9 | 7.13e+8 |
| Ref.Std (L01-240910) | 8e+0 | 3 | 1.9e+10 | 2.51e+9 |
| Ref.Std (L01-240910) | 1.6e+1 | 3 | 3.9e+10 | 2.4e+9 |
| 200% L01-240910 | 2e+0 | 3 | 9.21e+9 | 1.49e+9 |
| 200% L01-240910 | 4e+0 | 3 | 1.4e+10 | 3.32e+8 |
| 200% L01-240910 | 8e+0 | 3 | 2.9e+10 | 1.77e+9 |
| 200% L01-240910 | 1.6e+1 | 3 | 5.6e+10 | 2.17e+9 |

200% L01-240910 Model Selection

| | Parallelism | Linearity | | | Validity | |
|--|-------------|-----------|-------|-------|---------------------|---|
| Model | Slope Ratio | Ratio | R2 | RMSE | Evaluation | Selected Model |
| Model 2, Low Standard and Test Doses Excluded | 0.901 | 2.624 | 0.989 | 0.032 | Parallel and Linear | Model 2, Low Standard and Test Doses Excluded |
| Model 1, All Doses | 0.784 | 0.875 | 0.989 | 0.041 | Parallel and Linear | |
| Model 3, High Standard and Test Doses Excluded | 0.704 | 3.849 | 0.982 | 0.044 | Parallel and Linear | |
| Model 6, Test Low Dose Only Excluded | 0.866 | 3.295 | 0.994 | 0.032 | Parallel and Linear | |
| Model 9, Standard High Dose and Test Low Dose Excluded | 0.826 | 1.798 | 0.995 | 0.031 | Parallel and Linear | |
| Model 4, Standard Low Dose Only Excluded | 0.815 | 3.904 | 0.982 | 0.043 | Parallel and Linear | |
| Model 8, Standard Low Dose and Test High Dose Excluded | 0.767 | 3.861 | 0.974 | 0.045 | Parallel and Linear | |
| Model 5, Standard High Dose Only Excluded | 0.747 | 4.273 | 0.989 | 0.042 | Parallel and Linear | |
| Model 7, Test High Dose Only Excluded | 0.738 | 1.290 | 0.986 | 0.043 | Parallel and Linear | |

200% L01-240910 Graphs



200% L01-240910 Validity Report

| | | | Validity | | Overall |
|--|------------|------|-------------|--------------------------|----------------|
| Validity Criteria | LSL | USL | Results | Assay Validity | Validity |
| Dose Response Test | | 0.05 | 0.000 | Passed Validity Criteria | Assay is Valid |
| Reference Standard Curve Depth | 2720000000 | | 35056142037 | Passed Validity Criteria | |
| % Relative Infectivity Delta (Constrained - Unconstrained) | | 15 | 0.172 | Passed Validity Criteria | |
| Parallelism Slope Ratio | 0.7 | 1.4 | 0.901 | Passed Validity Criteria | |
| Linearity Ratio | | 26.3 | 2.624 | Passed Validity Criteria | |
| Unconstrained EC50 Standard | 0.04 | 61.8 | 4.650 | Passed Validity Criteria | |
| Number of Wells that Failed Accepted Droplets (<10000) | | 5 | 0.000 | Passed Validity Criteria | |

200% L01-240910 Relative Infectivity and Infectious Particle Ratio

| | | RI | | Reference | Relative Infectivity | Assay RI | Assay RI | Upper | Lower | | CI Range as % | | |
|-----------------|-------------------|------------------|--------------|--------------|----------------------|-----------|-----------|------------|------------|----------|---------------|---------------------------------|-----------------------|
| EC50 Ref | EC50 Test | Uncorrected | Reference CF | Stability CF | Reportable Result | Upper 95% | Lower 95% | Spec Limit | Spec Limit | CI Range | of Tolerance | CI Range % of Tolerance Check | OOS Validity |
| 9.84 | 6.50 | 151.3 | 0 | 0 | 151.3 | 160.1 | 143.2 | 150 | 50 | 16.8 | 16.8 | Bioassay Results are Reportable | Assay is Valid and OO |
| | | | | | | | | | | | | | |
| | | Rela | | | | | | | | | | | |
| Unconstrained I | RI Constrained | RI Infectivity D | elta | | | | | | | | | | |
| 151 | .4 151 | .3 | 0.2 | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Infectious | Infectious Partic | le Infectious P | article | | | | | | | | | | |
| Particle Ratio | Ratio Lower Lim | it Ratio Uppe | r Limit | | | | | | | | | | |
| 21 | 0 | 3 | 1.0 | | | | | | | | | | |

100% L01-240910 & Reference Standard Data

| | | | | Accepted | Std | | | | | Outlier | Externally Outlier |
|----------------------|----------|--------|-----------|----------|--------------|--------------|--------|--------------|--------------|--------------------------|-------------------------------------|
| Group | Sampling | N Rows | Vg/mL | Droplets | Dev(Vg/mL) | CV(Vg/mL) | MOI | Log10 MOI | Log10 Vg/mL | Jackknife z Within Group | Studentized Residuals Between Group |
| 100% L01-240910 | 49 | 2 | 3.683e+10 | 19073.5 | 1778869003.2 | 4.8304881343 | 1.6e+1 | 1.2041199827 | 10.566152948 | 0.971 Pass | -1.112 Ok |
| 100% L01-240910 | 50 | 2 | 1.680e+10 | 19201 | 199492668.93 | 1.1876932528 | 8e+0 | 0.903089987 | 10.225222651 | 5.468 Pass | -1.041 Ok |
| 100% L01-240910 | 51 | 2 | 7.499e+9 | 19370 | 678147945.98 | 9.0435733427 | 4e+0 | 0.6020599913 | 9.8749843856 | 2.185 Pass | -1.352 Ok |
| 100% L01-240910 | 52 | 2 | 3.707e+9 | 19538 | 299090113.23 | 8.0676914922 | 2e+0 | 0.3010299957 | 9.5690527747 | 0.450 Pass | -0.355 Ok |
| 100% L01-240910 | 53 | 2 | 3.785e+10 | 18893 | 3580292594.9 | 9.459908583 | 1.6e+1 | 1.2041199827 | 10.578031581 | 0.485 Pass | -0.726 Ok |
| 100% L01-240910 | 54 | 2 | 1.945e+10 | 18662.5 | 1149824505.5 | 5.9125325644 | 8e+0 | 0.903089987 | 10.288858015 | 0.383 Pass | 0.788 Ok |
| 100% L01-240910 | 55 | 2 | 8.368e+9 | 19716.5 | 128843280.71 | 1.5397191217 | 4e+0 | 0.6020599913 | 9.9226202714 | 0.016 Pass | 0.047 Ok |
| 100% L01-240910 | 56 | 2 | 3.646e+9 | 20386.5 | 178059200.32 | 4.8830356341 | 2e+0 | 0.3010299957 | 9.561874525 | 1.022 Pass | -0.577 Ok |
| 100% L01-240910 | 57 | 2 | 4.332e+10 | 20021.5 | 1706528670.2 | 3.9391021166 | 1.6e+1 | 1.2041199827 | 10.636716349 | 8.291 Pass | 1.104 Ok |
| 100% L01-240910 | 58 | 2 | 2.023e+10 | 19822.5 | 2634087129.5 | 13.017781226 | 8e+0 | 0.903089987 | 10.306093168 | 1.127 Pass | 1.316 Ok |
| 100% L01-240910 | 59 | 2 | 9.200e+9 | 20137.5 | 101459939.16 | 1.1028389063 | 4e+0 | 0.6020599913 | 9.9637825187 | 2.060 Pass | 1.251 Ok |
| 100% L01-240910 | 60 | 2 | 3.981e+9 | 19947.5 | 380929556.42 | 9.5696095024 | 2e+0 | 0.3010299957 | 9.5999504547 | 7.068 Pass | 0.592 Ok |
| Ref.Std (L01-240910) | 1 | 2 | 3.706e+10 | 18978 | 760275303.25 | 2.0513230621 | 1.6e+1 | 1.2041199827 | 10.56893682 | 0.993 Pass | -1.128 Ok |
| Ref.Std (L01-240910) | 2 | 2 | 1.676e+10 | 19425 | 448865633.8 | 2.6779458075 | 8e+0 | 0.903089987 | 10.224314572 | 2.677 Pass | -1.202 Ok |
| Ref.Std (L01-240910) | 3 | 2 | 7.894e+9 | 19283 | 173809988.84 | 2.2019327821 | 4e+0 | 0.6020599913 | 9.8972706745 | 2.803 Pass | -0.829 Ok |
| Ref.Std (L01-240910) | 4 | 2 | 3.558e+9 | 19900.5 | 119963713.77 | 3.3714963187 | 2e+0 | 0.3010299957 | 9.5512272121 | 1.253 Pass | -1.124 Ok |
| Ref.Std (L01-240910) | 5 | 2 | 3.782e+10 | 19498 | 2633987435.9 | 6.9650394744 | 1.6e+1 | 1.2041199827 | 10.577690117 | 0.469 Pass | -0.841 Ok |
| Ref.Std (L01-240910) | 6 | 2 | 1.968e+10 | 19161.5 | 988424708.4 | 5.0234907393 | 8e+0 | 0.903089987 | 10.293937987 | 0.116 Pass | 0.811 Ok |
| Ref.Std (L01-240910) | 7 | 2 | 8.739e+9 | 19226 | 368054388.21 | 4.2113957236 | 4e+0 | 0.6020599913 | 9.9414859483 | 0.137 Pass | 0.429 Ok |
| Ref.Std (L01-240910) | 8 | 2 | 3.686e+9 | 19778.5 | 16840666.879 | 0.4568279827 | 2e+0 | 0.3010299957 | 9.5666065868 | 0.313 Pass | -0.627 Ok |
| Ref.Std (L01-240910) | 9 | 2 | 4.155e+10 | 19128 | 1958531281.1 | 4.7134708372 | 1.6e+1 | 1.2041199827 | 10.618589688 | 7.706 Pass | 0.421 Ok |
| Ref.Std (L01-240910) | 10 | 2 | 2.177e+10 | 20050 | 122498999.17 | 0.562730193 | 8e+0 | 0.903089987 | 10.337832323 | 1.723 Pass | 2.295 Ok |
| Ref.Std (L01-240910) | 11 | 2 | 9.310e+9 | 19816.5 | 38582938.215 | 0.4144158489 | 4e+0 | 0.6020599913 | 9.9689589413 | 1.661 Pass | 1.247 Ok |
| Ref.Std (L01-240910) | 12 | 2 | 4.019e+9 | 20427 | 40014284.268 | 0.9957034587 | 2e+0 | 0.3010299957 | 9.6040850374 | 4.371 Pass | 0.524 Ok |

Within Group Jackknife z Outlier Limit (≥): 4 Between Group Externally Studentized Residuals Outlier Limit (≥): 4

Accepted Droplets: Invalid wells with < 10,000 accepted droplets excluded from all calculations

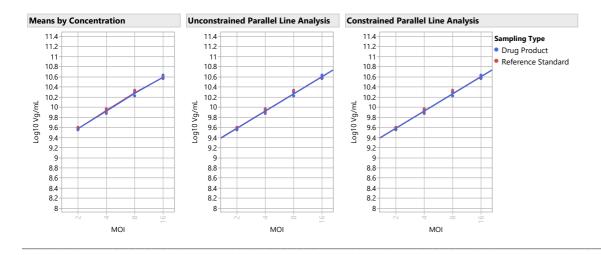
100% L01-240910 Test Sample & Reference Standard Summary Statistics

| | | | | Std |
|----------------------|--------|--------|-------------|------------|
| Group | MOI | N Rows | Mean(Vg/mL) | Dev(Vg/mL) |
| Ref.Std (L01-240910) | 2e+0 | 3 | 3.75e+9 | 2.38e+8 |
| Ref.Std (L01-240910) | 4e+0 | 3 | 8.65e+9 | 7.13e+8 |
| Ref.Std (L01-240910) | 8e+0 | 3 | 1.9e+10 | 2.51e+9 |
| Ref.Std (L01-240910) | 1.6e+1 | 3 | 3.9e+10 | 2.4e+9 |
| 100% L01-240910 | 2e+0 | 3 | 3.78e+9 | 1.78e+8 |
| 100% L01-240910 | 4e+0 | 3 | 8.36e+9 | 8.51e+8 |
| 100% L01-240910 | 8e+0 | 3 | 1.9e+10 | 1.8e+9 |
| 100% L01-240910 | 1.6e+1 | 3 | 3.9e+10 | 3.49e+9 |

100% L01-240910 Model Selection

| | Parallelism | Linearity | | | Validity | |
|--|-------------|-----------|-------|-------|---------------------|--------------------|
| Model | Slope Ratio | Ratio | R2 | RMSE | Evaluation | Selected Model |
| Model 1, All Doses | 1.003 | 2.267 | 0.992 | 0.037 | Parallel and Linear | Model 1, All Doses |
| Model 3, High Standard and Test Doses Excluded | 0.979 | 0.108 | 0.987 | 0.037 | Parallel and Linear | |
| Model 2, Low Standard and Test Doses Excluded | 1.032 | 2.983 | 0.983 | 0.040 | Parallel and Linear | |
| Model 6, Test Low Dose Only Excluded | 0.992 | 3.308 | 0.990 | 0.039 | Parallel and Linear | |
| Model 7, Test High Dose Only Excluded | 1.026 | 2.613 | 0.991 | 0.037 | Parallel and Linear | |
| Model 4, Standard Low Dose Only Excluded | 1.043 | 1.864 | 0.991 | 0.037 | Parallel and Linear | |
| Model 5, Standard High Dose Only Excluded | 0.957 | 1.268 | 0.991 | 0.037 | Parallel and Linear | |
| Model 9, Standard High Dose and Test Low Dose Excluded | 0.946 | 2.446 | 0.989 | 0.039 | Parallel and Linear | |
| Model 8, Standard Low Dose and Test High Dose Excluded | 1.067 | 2.056 | 0.990 | 0.038 | Parallel and Linear | |

100% L01-240910 Graphs



100% L01-240910 Validity Report

| | | | Validity | | Overall |
|--|------------|------|-------------|--------------------------|---------------|
| Validity Criteria | LSL | USL | Results | Assay Validity | Validity |
| Dose Response Test | | 0.05 | 0.000 | Passed Validity Criteria | Assay is Vali |
| Reference Standard Curve Depth | 2720000000 | | 35056142037 | Passed Validity Criteria | |
| % Relative Infectivity Delta (Constrained - Unconstrained) | | 15 | 0.000 | Passed Validity Criteria | |
| Parallelism Slope Ratio | 0.7 | 1.4 | 1.003 | Passed Validity Criteria | |
| Linearity Ratio | | 26.3 | 2.267 | Passed Validity Criteria | |
| Unconstrained EC50 Standard | 0.04 | 61.8 | 4.650 | Passed Validity Criteria | |
| Number of Wells that Failed Accepted Droplets (<10000) | | 5 | 0.000 | Passed Validity Criteria | |

100% L01-240910 Relative Infectivity and Infectious Particle Ratio

| | | RI | | Reference | Relative Infectivity | Assay RI | Assay RI | Upper | Lower | | CI Range as % | |
|----------------|-------------------|------------------|--------------|--------------|----------------------|-----------|-----------|------------|------------|----------|--|-----------------------------|
| EC50 Ref | EC50 Test | Uncorrected | Reference CF | Stability CF | Reportable Result | Upper 95% | Lower 95% | Spec Limit | Spec Limit | CI Range | of Tolerance CI Range % of Tolerance Check | OOS Validity |
| 5.63 | 5.68 | 99.0 | 0 | 0 | 99.0 | 103.5 | 94.8 | 150 | 50 | 8.7 | 8.7 Bioassay Results are Reportable | Assay is Valid and Within L |
| | | | | | | | | | | | | |
| | | Rela | | | | | | | | | | |
| Unconstrained | RI Constrained | RI Infectivity D | elta | | | | | | | | | |
| 99 | 0.0 | 9.0 | 0.0 | | | | | | | | | |
| | | | | | | | | | | | | |
| Infectious | Infectious Partic | cle Infectious P | article | | | | | | | | | |
| Particle Ratio | Ratio Lower Lin | nit Ratio Uppe | r Limit | | | | | | | | | |
| 1.3 | (| 0.3 | 1.0 | | | | | | | | | |

50% L01-240910_2 & Reference Standard Data

| | | | | Accepted | Std | | | | | Outlier | Externally Outlier |
|----------------------|----------|--------|-----------|----------|--------------|--------------|--------|--------------|--------------|--------------------------|-------------------------------------|
| Group | Sampling | N Rows | Vg/mL | Droplets | Dev(Vg/mL) | CV(Vg/mL) | MOI | Log10 MOI | Log10 Vg/mL | Jackknife z Within Group | Studentized Residuals Between Group |
| 50% L01-240910_2 | 61 | 2 | 1.834e+10 | 19737 | 203751104.97 | 1.1111170816 | 1.6e+1 | 1.2041199827 | 10.263340148 | 2.562 Pass | 0.667 Ok |
| 50% L01-240910_2 | 62 | 2 | 1.130e+10 | 20211 | 262898579.74 | 2.3266742485 | 8e+0 | 0.903089987 | 10.053052657 | 2.246 Pass | 2.242 Ok |
| 50% L01-240910_2 | 63 | 2 | 5.357e+9 | 21162.5 | 66651202.129 | 1.2441699278 | 4e+0 | 0.6020599913 | 9.7289282868 | 2.055 Pass | 1.176 Ok |
| 50% L01-240910_2 | 64 | 2 | 2.820e+9 | 19762 | 168860802.11 | 5.9869546674 | 2e+0 | 0.3010299957 | 9.4503228782 | 1.566 Pass | 1.331 Ok |
| 50% L01-240910_2 | 65 | 2 | 1.644e+10 | 20267.5 | 452436562.64 | 2.7520219303 | 1.6e+1 | 1.2041199827 | 10.215905804 | 0.095 Pass | -0.354 Ok |
| 50% L01-240910_2 | 66 | 2 | 9.639e+9 | 19391 | 154759020.72 | 1.6054847679 | 8e+0 | 0.903089987 | 9.9840497834 | 0.030 Pass | 0.641 Ok |
| 50% L01-240910_2 | 67 | 2 | 4.560e+9 | 21001 | 18127.742997 | 0.000397543 | 4e+0 | 0.6020599913 | 9.6589596546 | 0.017 Pass | -0.243 Ok |
| 50% L01-240910_2 | 68 | 2 | 2.548e+9 | 19777.5 | 91143848.022 | 3.5773123313 | 2e+0 | 0.3010299957 | 9.4061705006 | 0.173 Pass | 0.331 Ok |
| 50% L01-240910_2 | 69 | 2 | 1.499e+10 | 19994 | 579169394.77 | 3.8628534835 | 1.6e+1 | 1.2041199827 | 10.175897368 | 1.786 Pass | -1.256 Ok |
| 50% L01-240910_2 | 70 | 2 | 8.114e+9 | 20973 | 65816734.103 | 0.8111860937 | 8e+0 | 0.903089987 | 9.9092158315 | 2.007 Pass | -0.856 Ok |
| 50% L01-240910_2 | 71 | 2 | 3.723e+9 | 20849 | 22105610.024 | 0.5936871551 | 4e+0 | 0.6020599913 | 9.5709448514 | 2.191 Pass | -2.218 Ok |
| 50% L01-240910_2 | 72 | 2 | 2.099e+9 | 20993 | 13367658.82 | 0.6368196257 | 2e+0 | 0.3010299957 | 9.3220389135 | 3.035 Pass | -1.556 Ok |
| Ref.Std (L01-240910) | 1 | 2 | 3.706e+10 | 18978 | 760275303.25 | 2.0513230621 | 1.6e+1 | 1.2041199827 | 10.56893682 | 0.993 Pass | -0.778 Ok |
| Ref.Std (L01-240910) | 2 | 2 | 1.676e+10 | 19425 | 448865633.8 | 2.6779458075 | 8e+0 | 0.903089987 | 10.224314572 | 2.677 Pass | -0.827 Ok |
| Ref.Std (L01-240910) | 3 | 2 | 7.894e+9 | 19283 | 173809988.84 | 2.2019327821 | 4e+0 | 0.6020599913 | 9.8972706745 | 2.803 Pass | -0.576 Ok |
| Ref.Std (L01-240910) | 4 | 2 | 3.558e+9 | 19900.5 | 119963713.77 | 3.3714963187 | 2e+0 | 0.3010299957 | 9.5512272121 | 1.253 Pass | -0.775 Ok |
| Ref.Std (L01-240910) | 5 | 2 | 3.782e+10 | 19498 | 2633987435.9 | 6.9650394744 | 1.6e+1 | 1.2041199827 | 10.577690117 | 0.469 Pass | -0.584 Ok |
| Ref.Std (L01-240910) | 6 | 2 | 1.968e+10 | 19161.5 | 988424708.4 | 5.0234907393 | 8e+0 | 0.903089987 | 10.293937987 | 0.116 Pass | 0.564 Ok |
| Ref.Std (L01-240910) | 7 | 2 | 8.739e+9 | 19226 | 368054388.21 | 4.2113957236 | 4e+0 | 0.6020599913 | 9.9414859483 | 0.137 Pass | 0.300 Ok |
| Ref.Std (L01-240910) | 8 | 2 | 3.686e+9 | 19778.5 | 16840666.879 | 0.4568279827 | 2e+0 | 0.3010299957 | 9.5666065868 | 0.313 Pass | -0.437 Ok |
| Ref.Std (L01-240910) | 9 | 2 | 4.155e+10 | 19128 | 1958531281.1 | 4.7134708372 | 1.6e+1 | 1.2041199827 | 10.618589688 | 7.706 Pass | 0.294 Ok |
| Ref.Std (L01-240910) | 10 | 2 | 2.177e+10 | 20050 | 122498999.17 | 0.562730193 | 8e+0 | 0.903089987 | 10.337832323 | 1.723 Pass | 1.507 Ok |
| Ref.Std (L01-240910) | 11 | 2 | 9.310e+9 | 19816.5 | 38582938.215 | 0.4144158489 | 4e+0 | 0.6020599913 | 9.9689589413 | 1.661 Pass | 0.857 Ok |
| Ref.Std (L01-240910) | 12 | 2 | 4.019e+9 | 20427 | 40014284.268 | 0.9957034587 | 2e+0 | 0.3010299957 | 9.6040850374 | 4.371 Pass | 0.366 Ok |

Within Group Jackknife z Outlier Limit (≥): 4
Between Group Externally Studentized Residuals Outlier Limit (≥): 4

Accepted Droplets: Invalid wells with < 10,000 accepted droplets excluded from all calculations

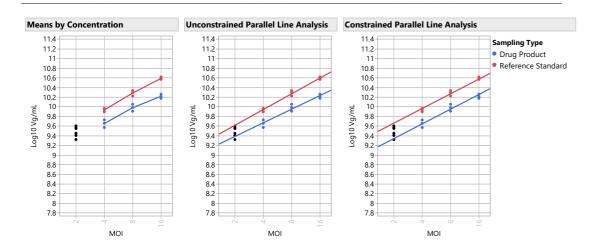
50% L01-240910_2 Test Sample & Reference Standard Summary Statistics

| | | | | Std |
|----------------------|--------|--------|-------------|------------|
| Group | MOI | N Rows | Mean(Vg/mL) | Dev(Vg/mL) |
| Ref.Std (L01-240910) | 2e+0 | 3 | 3.75e+9 | 2.38e+8 |
| Ref.Std (L01-240910) | 4e+0 | 3 | 8.65e+9 | 7.13e+8 |
| Ref.Std (L01-240910) | 8e+0 | 3 | 1.9e+10 | 2.51e+9 |
| Ref.Std (L01-240910) | 1.6e+1 | 3 | 3.9e+10 | 2.4e+9 |
| 50% L01-240910_2 | 2e+0 | 3 | 2.49e+9 | 3.64e+8 |
| 50% L01-240910_2 | 4e+0 | 3 | 4.55e+9 | 8.17e+8 |
| 50% L01-240910_2 | 8e+0 | 3 | 9.68e+9 | 1.59e+9 |
| 50% L01-240910_2 | 1.6e+1 | 3 | 1.7e+10 | 1.68e+9 |

50% L01-240910_2 Model Selection

| | Parallelism | Linearity | | | Validity | |
|--|-------------|-----------|-------|-------|---------------------|---|
| Model | Slope Ratio | Ratio | R2 | RMSE | Evaluation | Selected Model |
| Model 2, Low Standard and Test Doses Excluded | 0.867 | 5.719 | 0.974 | 0.055 | Parallel and Linear | Model 2, Low Standard and Test Doses Excluded |
| Model 3, High Standard and Test Doses Excluded | 0.828 | 2.175 | 0.973 | 0.056 | Parallel and Linear | |
| Model 1, All Doses | 0.827 | 2.502 | 0.984 | 0.052 | Parallel and Linear | |
| Model 8, Standard Low Dose and Test High Dose Excluded | 0.903 | 1.368 | 0.984 | 0.057 | Parallel and Linear | |
| Model 7, Test High Dose Only Excluded | 0.868 | 1.822 | 0.985 | 0.053 | Parallel and Linear | |
| Model 4, Standard Low Dose Only Excluded | 0.860 | 2.077 | 0.983 | 0.055 | Parallel and Linear | |
| Model 6, Test Low Dose Only Excluded | 0.833 | 4.623 | 0.981 | 0.052 | Parallel and Linear | |
| Model 9, Standard High Dose and Test Low Dose Excluded | 0.795 | 6.189 | 0.967 | 0.055 | Parallel and Linear | |
| Model 5, Standard High Dose Only Excluded | 0.789 | 1.416 | 0.976 | 0.054 | Parallel and Linear | |

50% L01-240910_2 Graphs



50% L01-240910_2 Validity Report

| | | | Validity | | Overall |
|--|------------|------|-------------|--------------------------|----------------|
| Validity Criteria | LSL | USL | Results | Assay Validity | Validity |
| Dose Response Test | | 0.05 | 0.000 | Passed Validity Criteria | Assay is Valid |
| Reference Standard Curve Depth | 2720000000 | | 35056142037 | Passed Validity Criteria | |
| % Relative Infectivity Delta (Constrained - Unconstrained) | | 15 | 0.180 | Passed Validity Criteria | |
| Parallelism Slope Ratio | 0.7 | 1.4 | 0.867 | Passed Validity Criteria | |
| Linearity Ratio | | 26.3 | 5.719 | Passed Validity Criteria | |
| Unconstrained EC50 Standard | 0.04 | 61.8 | 4.650 | Passed Validity Criteria | |
| Number of Wells that Failed Accepted Droplets (<10000) | | 5 | 0.000 | Passed Validity Criteria | |

50% L01-240910_2 Relative Infectivity and Infectious Particle Ratio

| | | RI | | Reference | Relative Infectivity | Assay RI | Assay RI | Upper | Lower | | CI Range as % | |
|----------------|--------------------|------------------|--------------|--------------|----------------------|-----------|-----------|------------|------------|----------|--|---------------------------|
| EC50 Ref | EC50 Test | Uncorrected | Reference CF | Stability CF | Reportable Result | Upper 95% | Lower 95% | Spec Limit | Spec Limit | CI Range | of Tolerance CI Range % of Tolerance Che | ck OOS Validity |
| 5.57 | 11.50 | 48.4 | 0 | 0 | 48.4 | 53.3 | 43.5 | 150 | 50 | 9.8 | 9.8 Bioassay Results are Reportal | ole Assay is Valid and OO |
| | | | | | | | | | | | | |
| | | Rela | ative | | | | | | | | | |
| Unconstrained | RI Constrained F | RI Infectivity D | Pelta | | | | | | | | | |
| 48 | .2 48. | 4 | 0.2 | | | | | | | | | |
| | | | | | | | | | | | | |
| Infectious | Infectious Particl | e Infectious P | article | | | | | | | | | |
| Particle Ratio | Ratio Lower Lim | it Ratio Uppe | r Limit | | | | | | | | | |
| 0.7 | 0. | 2 | 1.0 | | | | | | | | | |

150% L01-240910_2 & Reference Standard Data

| | | | | Accepted | Std | | | | | Outlier | Externally Outlier |
|----------------------|----------|--------|-----------|----------|--------------|--------------|--------|--------------|--------------|--------------------------|-------------------------------------|
| Group | Sampling | N Rows | Vg/mL | Droplets | Dev(Vg/mL) | CV(Vg/mL) | MOI | Log10 MOI | Log10 Vg/mL | Jackknife z Within Group | Studentized Residuals Between Group |
| 150% L01-240910_2 | 73 | 2 | 4.494e+10 | 20268.5 | 1382444686.6 | 3.0760724392 | 1.6e+1 | 1.2041199827 | 10.652651205 | 1.953 Pass | 0.523 Ok |
| 150% L01-240910_2 | 74 | 2 | 2.566e+10 | 20858 | 639666646.59 | 2.4930803141 | 8e+0 | 0.903089987 | 10.409217437 | 3.857 Pass | 1.344 Ok |
| 150% L01-240910_2 | 75 | 2 | 1.222e+10 | 20415.5 | 212403284.41 | 1.7378576067 | 4e+0 | 0.6020599913 | 10.087147039 | 5.758 Pass | -0.365 Ok |
| 150% L01-240910_2 | 76 | 2 | 7.248e+9 | 19921 | 49605155.379 | 0.6844349971 | 2e+0 | 0.3010299957 | 9.8601946062 | 0.933 Pass | 1.065 Ok |
| 150% L01-240910_2 | 77 | 2 | 4.381e+10 | 19580 | 1157150209.5 | 2.6411706984 | 1.6e+1 | 1.2041199827 | 10.641593268 | 0.045 Pass | 0.146 Ok |
| 150% L01-240910_2 | 78 | 2 | 2.344e+10 | 20742.5 | 482974557.86 | 2.0600966742 | 8e+0 | 0.903089987 | 10.370036653 | 0.269 Pass | 0.062 Ok |
| 150% L01-240910_2 | 79 | 2 | 1.144e+10 | 20183 | 480465980.94 | 4.1993236748 | 4e+0 | 0.6020599913 | 10.058483293 | 1.103 Pass | -1.314 Ok |
| 150% L01-240910_2 | 80 | 2 | 7.163e+9 | 19195 | 3819839.2688 | 0.0533236786 | 2e+0 | 0.3010299957 | 9.8551249868 | 0.513 Pass | 0.881 Ok |
| 150% L01-240910_2 | 81 | 2 | 4.253e+10 | 19371.5 | 109815609.98 | 0.2582091481 | 1.6e+1 | 1.2041199827 | 10.628692453 | 2.312 Pass | -0.291 Ok |
| 150% L01-240910_2 | 82 | 2 | 2.245e+10 | 20023.5 | 582856847.74 | 2.596168258 | 8e+0 | 0.903089987 | 10.351229067 | 1.342 Pass | -0.529 Ok |
| 150% L01-240910_2 | 83 | 2 | 1.161e+10 | 20684 | 214437339.99 | 1.8466429905 | 4e+0 | 0.6020599913 | 10.064917469 | 0.398 Pass | -1.090 Ok |
| 150% L01-240910_2 | 84 | 2 | 6.636e+9 | 19439 | 77730062.789 | 1.1713325325 | 2e+0 | 0.3010299957 | 9.821908813 | 9.576 Pass | -0.260 Ok |
| Ref.Std (L01-240910) | 1 | 2 | 3.706e+10 | 18978 | 760275303.25 | 2.0513230621 | 1.6e+1 | 1.2041199827 | 10.56893682 | 0.993 Pass | -1.263 Ok |
| Ref.Std (L01-240910) | 2 | 2 | 1.676e+10 | 19425 | 448865633.8 | 2.6779458075 | 8e+0 | 0.903089987 | 10.224314572 | 2.677 Pass | -1.346 Ok |
| Ref.Std (L01-240910) | 3 | 2 | 7.894e+9 | 19283 | 173809988.84 | 2.2019327821 | 4e+0 | 0.6020599913 | 9.8972706745 | 2.803 Pass | -0.925 Ok |
| Ref.Std (L01-240910) | 4 | 2 | 3.558e+9 | 19900.5 | 119963713.77 | 3.3714963187 | 2e+0 | 0.3010299957 | 9.5512272121 | 1.253 Pass | -1.258 Ok |
| Ref.Std (L01-240910) | 5 | 2 | 3.782e+10 | 19498 | 2633987435.9 | 6.9650394744 | 1.6e+1 | 1.2041199827 | 10.577690117 | 0.469 Pass | -0.938 Ok |
| Ref.Std (L01-240910) | 6 | 2 | 1.968e+10 | 19161.5 | 988424708.4 | 5.0234907393 | 8e+0 | 0.903089987 | 10.293937987 | 0.116 Pass | 0.904 Ok |
| Ref.Std (L01-240910) | 7 | 2 | 8.739e+9 | 19226 | 368054388.21 | 4.2113957236 | 4e+0 | 0.6020599913 | 9.9414859483 | 0.137 Pass | 0.477 Ok |
| Ref.Std (L01-240910) | 8 | 2 | 3.686e+9 | 19778.5 | 16840666.879 | 0.4568279827 | 2e+0 | 0.3010299957 | 9.5666065868 | 0.313 Pass | -0.698 Ok |
| Ref.Std (L01-240910) | 9 | 2 | 4.155e+10 | 19128 | 1958531281.1 | 4.7134708372 | 1.6e+1 | 1.2041199827 | 10.618589688 | 7.706 Pass | 0.468 Ok |
| Ref.Std (L01-240910) | 10 | 2 | 2.177e+10 | 20050 | 122498999.17 | 0.562730193 | 8e+0 | 0.903089987 | 10.337832323 | 1.723 Pass | 2.635 Ok |
| Ref.Std (L01-240910) | 11 | 2 | 9.310e+9 | 19816.5 | 38582938.215 | 0.4144158489 | 4e+0 | 0.6020599913 | 9.9689589413 | 1.661 Pass | 1.398 Ok |
| Ref.Std (L01-240910) | 12 | 2 | 4.019e+9 | 20427 | 40014284.268 | 0.9957034587 | 2e+0 | 0.3010299957 | 9.6040850374 | 4.371 Pass | 0.583 Ok |

Within Group Jackknife z Outlier Limit (≥): 4

Between Group Externally Studentized Residuals Outlier Limit (≥): 4

Accepted Droplets: Invalid wells with < 10,000 accepted droplets excluded from all calculations

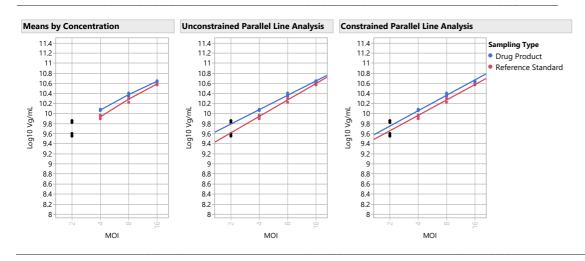
150% L01-240910_2 Test Sample & Reference Standard Summary Statistics

| | | | | Std |
|----------------------|--------|--------|-------------|------------|
| Group | MOI | N Rows | Mean(Vg/mL) | Dev(Vg/mL) |
| Ref.Std (L01-240910) | 2e+0 | 3 | 3.75e+9 | 2.38e+8 |
| Ref.Std (L01-240910) | 4e+0 | 3 | 8.65e+9 | 7.13e+8 |
| Ref.Std (L01-240910) | 8e+0 | 3 | 1.9e+10 | 2.51e+9 |
| Ref.Std (L01-240910) | 1.6e+1 | 3 | 3.9e+10 | 2.4e+9 |
| 150% L01-240910_2 | 2e+0 | 3 | 7.02e+9 | 3.31e+8 |
| 150% L01-240910_2 | 4e+0 | 3 | 1.2e+10 | 4.1e+8 |
| 150% L01-240910_2 | 8e+0 | 3 | 2.4e+10 | 1.64e+9 |
| 150% L01-240910_2 | 1.6e+1 | 3 | 4.4e+10 | 1.21e+9 |

150% L01-240910_2 Model Selection

| | Parallelism | Linearity | | | Validity | |
|--|-------------|-----------|-------|-------|---------------------|---|
| Model | Slope Ratio | Ratio | R2 | RMSE | Evaluation | Selected Model |
| Model 2, Low Standard and Test Doses Excluded | 0.875 | 3.634 | 0.987 | 0.033 | Parallel and Linear | Model 2, Low Standard and Test Doses Excluded |
| Model 1, All Doses | 0.794 | 0.591 | 0.993 | 0.033 | Parallel and Linear | |
| Model 3, High Standard and Test Doses Excluded | 0.747 | 2.806 | 0.987 | 0.035 | Parallel and Linear | |
| Model 6, Test Low Dose Only Excluded | 0.841 | 3.746 | 0.993 | 0.033 | Parallel and Linear | |
| Model 4, Standard Low Dose Only Excluded | 0.825 | 1.310 | 0.989 | 0.033 | Parallel and Linear | |
| Model 8, Standard Low Dose and Test High Dose Excluded | 0.814 | 2.268 | 0.985 | 0.036 | Parallel and Linear | |
| Model 9, Standard High Dose and Test Low Dose Excluded | 0.802 | 3.215 | 0.993 | 0.032 | Parallel and Linear | |
| Model 7, Test High Dose Only Excluded | 0.783 | 1.676 | 0.990 | 0.035 | Parallel and Linear | |
| Model 5, Standard High Dose Only Excluded | 0.757 | 1.825 | 0.992 | 0.032 | Parallel and Linear | |

150% L01-240910_2 Graphs



150% L01-240910_2 Validity Report

| | | | Validity | | Overall |
|--|------------|------|-------------|--------------------------|----------------|
| Validity Criteria | LSL | USL | Results | Assay Validity | Validity |
| Dose Response Test | | 0.05 | 0.000 | Passed Validity Criteria | Assay is Valid |
| Reference Standard Curve Depth | 2720000000 | | 35056142037 | Passed Validity Criteria | |
| % Relative Infectivity Delta (Constrained - Unconstrained) | | 15 | 0.116 | Passed Validity Criteria | |
| Parallelism Slope Ratio | 0.7 | 1.4 | 0.875 | Passed Validity Criteria | |
| Linearity Ratio | | 26.3 | 3.634 | Passed Validity Criteria | |
| Unconstrained EC50 Standard | 0.04 | 61.8 | 4.650 | Passed Validity Criteria | |
| Number of Wells that Failed Accepted Droplets (<10000) | | 5 | 0.000 | Passed Validity Criteria | |

150% L01-240910_2 Relative Infectivity and Infectious Particle Ratio

| | | RI | | Reference | Relative Infectivity | Assay RI | Assay RI | Upper | Lower | | CI Range as % |
|--------------|--------------------|------------------|--------------|--------------|----------------------|-----------|-----------|------------|------------|----------|--|
| EC50 Ref | EC50 Test | Uncorrected | Reference CF | Stability CF | Reportable Result | Upper 95% | Lower 95% | Spec Limit | Spec Limit | CI Range | of Tolerance CI Range % of Tolerance Check OOS Validity |
| 8.89 | 7.20 | 123.4 | 0 | 0 | 123.4 | 131.0 | 116.3 | 150 | 50 | 14.7 | 14.7 Bioassay Results are Reportable Assay is Valid and Within Lin |
| | | | | | | | | | | | |
| | | Rela | ative | | | | | | | | |
| nconstrained | RI Constrained F | RI Infectivity D | Pelta | | | | | | | | |
| 123 | .5 123. | 4 | 0.1 | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| Infectious | Infectious Particl | e Infectious P | article | | | | | | | | |
| | Infectious Particl | | | | | | | | | | |

Relative Infectivity All Samples

| | | | Infectious | | | |
|-------------------|---------------|--------------|------------|---------------|-------------|-------------|
| Sample Name | EC50 Standard | EC50 Test | Ratio | Reportable RI | RI Lower 95 | RI Upper 95 |
| 50% L01-240910_1 | 5.5557183451 | 11.51966245 | 0.7 | 48.2 | 43.1 | 53.4 |
| 150% L01-240910_1 | 8.8373499091 | 7.2419900375 | 1.7 | 122.0 | 115.1 | 129.5 |
| 200% L01-240910 | 9.8394470118 | 6.5044305766 | 2.1 | 151.3 | 143.2 | 160.1 |
| 100% L01-240910 | 5.6292283576 | 5.6846157177 | 1.3 | 99.0 | 94.8 | 103.5 |
| 50% L01-240910_2 | 5.5657610786 | 11.498876631 | 0.7 | 48.4 | 43.5 | 53.3 |
| 150% L01-240910_2 | 8.8868731414 | 7.2016331258 | 1.7 | 123.4 | 116.3 | 131.0 |

| | Overall | | |
|-------------------|----------------|---------------|------------|
| Sample Name | Validity | OOS | Reportable |
| 50% L01-240910_1 | Assay is Valid | OOS | Reportable |
| 150% L01-240910_1 | Assay is Valid | Within Limits | Reportable |
| 200% L01-240910 | Assay is Valid | oos | Reportable |
| 100% L01-240910 | Assay is Valid | Within Limits | Reportable |
| 50% L01-240910_2 | Assay is Valid | OOS | Reportable |
| 150% L01-240910_2 | Assay is Valid | Within Limits | Reportable |

Astellas BQT Infectivity Bioassay Materials and Reference Standard Report

Assay Details

| | | Date Assay | | Bioassay | Analyst | | | | Instrument | Bioassay preparation | Bioassay review |
|--------------------------|-------|------------|----------|----------------|---------|--------|--------|---------------|--------------|----------------------|-----------------|
| Assay | Site: | Initiated: | Purpose: | Run Number | Name: | Signal | Method | Instrument ID | internal no. | (date_operator) | (date_reviewer) |
| Astellas BQT Infectivity | | | PLA | BQT Test Run 3 | | Vg/mL | KT430 | | | | |

Notes Assay Range Check

Materials

| Reagents | Material | Source | Catalog# | Lot# | Expiration Date |
|----------|----------|--------|----------|------|--------------------|
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |
| 6 | | | | | |
| 7 | | | | | |
| 8 | | | | | |

Reference Details

| | Reference | | | Expiry/ | RS Correction | RS Stability |
|-------------------|---------------|-------------|------|-------------|---------------|-------------------|
| Reference/Control | Standard (RS) | Description | Lot# | Reevalution | Factor | Correction Factor |
| 1 | Ref.Std | Test | Test | Test | 0 | 0 |

Input Files - Configuration File and Plate File(s)

| | | Location of Sample | | | | | | | | | |
|---|---------------|--------------------------------|--------|--------|------|------|--------|------|------|------|------|
| System Suitability and Limits | Limit Column | 3 on Extracted DNA plate Colun | nn 5 1 | 2 | . 3 | | 5 | 6 | 7 | 8 | 9 |
| Lower Specification Limit (≥) | 50.00 | A | 1 | 5 | 9 | 13 | 17 | 21 | 25 | 29 | 33 |
| Upper Specification Limit (≤) | 150.00 | В | 2 | . 6 | 10 | 14 | 18 | 22 | 26 | 30 | 34 |
| Reference Standard Curve Depth (≥) | 2720000000.00 | С | 3 | 7 | 11 | 15 | 19 | 23 | 27 | 31 | 35 |
| Unconstrained EC50 Standard Lower Limit (≥) | 0.04 | D | 4 | | 12 | 16 | 5 20 | 24 | 28 | 32 | 36 |
| Unconstrained EC50 Standard Upper Limit (≤) | 61.80 | E | 49 | 53 | 57 | 61 | 65 | 69 | 73 | 77 | 81 |
| % Relative Potency Delta (Constrained – Unconstrained) (≤) | 15.00 | F | 50 | 54 | 58 | 62 | 2 66 | 70 | 74 | 78 | 82 |
| Within Group Jackknife z Outlier Limit (<) | 4.00 | G | 51 | 55 | 59 | 63 | 67 | 71 | 75 | 79 | 83 |
| Between Group Studentized Residuals Outlier Limit (<) | 4.00 | Н | 52 | . 56 | 60 | 64 | 68 | 72 | 76 | 80 | 84 |
| Parallelism Slope Ratio Lower Limit (≥) | 0.70 | | | | | | | | | | |
| Parallelism Slope Ratio Upper Limit (≤) | 1.40 | | | | | | | | | | |
| Linearity Ratio (≤) | 26.30 | ddPCR Map - Plate 1 | 1 | 2 | 3 | | 5 | 6 | 7 | 8 | 9 |
| Dose Reponse Test (≤) | 0.05 | A | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 |
| fixed position for ec50 | 10.00 | В | 3000 | | | | | 3000 | 3000 | 3000 | 3000 |
| fixed position for Test article for Infectious Particles Ratio Equation | 10.00 | С | 3000 | | | | | 3000 | 3000 | 3000 | 3000 |
| Infectious Particles Ratio Lower Specification Limit (≥) | 0.30 | D | 3000 | | | | | 3000 | 3000 | 3000 | 3000 |
| Infectious Particles Ratio Upper Specification Limit (≤) | 1.00 | E | 3000 | | | 3000 | | 3000 | 3000 | 3000 | 3000 |
| Failed Accepted Droplets Upper Limit (≤) | 5.00 | F | 3000 | | | | | 3000 | 3000 | 3000 | 3000 |
| , | | G | 3000 | | | | | 3000 | 3000 | 3000 | 3000 |
| Report File Name | | Н | 3000 | | | | | 3000 | 3000 | 3000 | 3000 |
| Ref.Std (1-12) | | | | | | | | | | | |
| Control (13-24) | | ddPCR Map - Plate 2 | 1 | 2 | 3 | | 5 | 6 | 7 | 8 | 9 |
| Sample 1 (25-36) | | Α | 6000 | | | | | 6000 | 6000 | 6000 | 6000 |
| Sample 2 (37-48) | | В | 6000 | | | | | 6000 | 6000 | 6000 | 6000 |
| Sample 3 (49-60) | | C | 6000 | | | | | 6000 | 6000 | 6000 | 6000 |
| Sample 4 (61-72) | | D | 6000 | | | | | 6000 | 6000 | 6000 | 6000 |
| Sample 5 (73-84) | | E | 6000 | | | | | 6000 | 6000 | 6000 | 6000 |
| sumple s (15 o 1) | | F | 6000 | | | | | 6000 | 6000 | 6000 | 6000 |
| Total Number of Plates | 2.00 | G | 6000 | | | | | 6000 | 6000 | 6000 | 6000 |
| Total Number of Flates | 2.00 | Н | 6000 | | | | | 6000 | 6000 | 6000 | 6000 |
| MOI Concentrations | | | 0000 | , 0000 | 0000 | 0000 | , 0000 | 0000 | 0000 | 0000 | 0000 |
| 16 | | | | | | | | | | | |
| 8 | | | | | | | | | | | • |
| 4 | | | | | | | | | | | • |
| 2 | | | | | | | | | | | |
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| ., | Sample | Sample | Sample | Sample | т. | Conc(copies/ | C | F : | C ! = | T | Company | D. M. C. | Accepted | D- ':-' | |
|------------|---------------|--------------|--------------|---------------|--------------|----------------------------|----------|----------|------------|---------|--|------------|----------------|---------------|------------------|
| | description 1 | | | description 4 | | | | | SampleType | | | DyeName(s) | Droplets | Positives | Negative 1647 |
| D01 C01 | 4 | RS RS | REP1 | | BDNF BDNF | 231.5564728 518.0411377 | | DQ DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP) | | 20060 19347 | 3584 6891 | 1245 |
| | 8 | RS | REP1 | | BDNF | 1138.597412 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 18820 | 11670 | 715 |
| | 16 | RS | REP1 | | BDNF | | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 18595 | 16248 | 234 |
| D10 | | 200 | REP1 | | BDNF | 715.3798218 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | FAM | 19550 | 8907 | 1064 |
| C10 | 4 | 200 | REP1 | | BDNF | 953.8183594 | OK | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | FAM | 20307 | 11280 | 902 |
| 310 | 8 | 200 | REP1 | | BDNF | 2056.84375 | OK | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | FAM | 18401 | 15198 | 320 |
| 410 | | 200 | REP1 | | BDNF | 3566.601074 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 19238 | 18310 | 92 |
| 107 | | 150.2 | REP1 | | BDNF | 485.5121765 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 20294 | 6862 | 134 |
| | 4 | 150.2 | REP1 | | BDNF | 824.8217163 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 20329 | 10245 | 1008 |
| | 8 | 150.2 | REP1 | | | 1740.666382 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 21077 | 16277 | 480 |
| | 16 | 150.2 150 | REP1 | | BDNF BDNF | 3061.294189 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP) | | 20346 | 18838 | 150 1380 |
| 207 | | 150 | REP1 | | BDNF | 467.9755249 813.9212646 | | DQ DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 20543 19772 | 6742 9873 | 989 |
| | 8 | 150 | REP1 | | BDNF | 1726.499268 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 20226 | 15564 | 466 |
| 407 | | 150 | REP1 | | BDNF | 2997.810303 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 20351 | 18759 | 159 |
| H01 | 2 | 100.2 | REP1 | | BDNF | 233.0512695 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 19721 | 3544 | 1617 |
| | 4 | 100.2 | REP1 | | BDNF | 467.9432983 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 18920 | 6209 | 127 |
| -01 | 8 | 100.2 | REP1 | | BDNF | 1110.372437 | OK | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | FAM | 20147 | 12307 | 784 |
| E01 | 16 | 100.2 | REP1 | | BDNF | 2371.200928 | OK | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | FAM | 18619 | 16138 | 248 |
| H04 | 2 | 50.2 | REP1 | | BDNF | 180.0717621 | OK | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | FAM | 19567 | 2777 | 1679 |
| G04 | 4 | 50.2 | REP1 | | BDNF | 353.9968262 | OK | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | FAM | 21328 | 5542 | 1578 |
| -04 | 8 | 50.2 | REP1 | | BDNF | 740.8954468 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 20294 | 9483 | 1081 |
| 04 | 16 | 50.2 | REP1 | | BDNF | | OK | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 20166 | 13090 | 707 |
| 004 | | 50 | REP1 | | BDNF | 193.6558685 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 18890 | 2867 | 1602 |
| 204 | | 50 | REP1 | | BDNF | 368.6099854 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 20176 | 5427 | 1474 |
| 304 104 | 16 | 50 | REP1 | | BDNF | 775.4868164 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 20366 | 9831 | 1053 |
| A04 D02 | | 50 RS | REP1 REP2 | | BDNF BDNF | 1280.328125 244.9684601 | | DQ DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP) | | 18581 19242 | 12323 3617 | 625 1562 |
| JU2 CO2 | | RS | REP2 | | BDNF | 599.9827271 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 18636 | 7445 | 1119 |
| 302 | | RS | REP2 | | BDNF | | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 18941 | 12971 | 597 |
| 402 | | RS | REP2 | | BDNF | 2645.318359 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 19819 | 17727 | 209 |
| 011 | | 200 | REP2 | | BDNF | 536.3302002 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 18041 | 6605 | 1143 |
| 211 | 4 | 200 | REP2 | | BDNF | 908.2162476 | OK | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | FAM | 18230 | 9806 | 842 |
| 311 | 8 | 200 | REP2 | | BDNF | 1854.505981 | OK | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | FAM | 20587 | 16331 | 425 |
| 411 | 16 | 200 | REP2 | | BDNF | 3838.585938 | OK | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | FAM | 19827 | 19068 | 75 |
| 408 | 2 | 150.2 | REP2 | | BDNF | 477.3862915 | OK | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | FAM | 19158 | 6390 | 1276 |
| G08 | | 150.2 | REP2 | | BDNF | 740.1178589 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 18823 | 8789 | 1003 |
| | 8 | 150.2 | REP2 | | BDNF | 1540.183472 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 20663 | 15083 | 558 |
| | 16 | 150.2 | REP2 | | BDNF | 2975.349854 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 18712 | 17220 | 149 |
| 800 | | 150 | REP2 | | BDNF | | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 20529 | 6841 | 1368 |
| 208 308 | | 150 150 | REP2 REP2 | | BDNF BDNF | 727.1169434 1533.788452 | | DQ DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP) | | 20772 19575 | 9576 14260 | 1119 531 |
| 408 | | 150 | REP2 | | BDNF | | OK | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 20144 | 18458 | 168 |
| 102 | | 100.2 | REP2 | | BDNF | 251.4928436 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 19801 | 3811 | 1599 |
| 302 | | 100.2 | REP2 | | BDNF | 563.9385986 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 19461 | 7411 | 1205 |
| | 8 | 100.2 | REP2 | | BDNF | 1350.686035 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 18812 | 12844 | 596 |
| 02 | 16 | 100.2 | REP2 | | BDNF | 2691.910645 | OK | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | FAM | 17781 | 15977 | 180 |
| H05 | 2 | 50.2 | REP2 | | BDNF | 165.5587921 | OK | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | FAM | 19791 | 2598 | 1719 |
| G05 | | 50.2 | REP2 | | BDNF | 303.9955139 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | FAM | 20649 | 4702 | 1594 |
| -05 | | 50.2 | REP2 | | BDNF | 635.3309326 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 18923 | 7896 | 1102 |
| | 16 | 50.2 | REP2 | | BDNF | 1117.338135 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 20688 | 12685 | 800 |
| 005 | | 50 | REP2 | | BDNF | 168.1752167 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 20255 | 2698 | 1755 |
| 205 | | 50 | REP2 | | BDNF | 310.4753723 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 19823 | 4598 | 1522 |
| 305 405 | 16 | 50 | REP2 REP2 | | BDNF BDNF | 639.4810791 1144.275269 | | DQ DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 19646 18755 | 8238 11664 | 1140 709 |
| 03 | | RS | REP3 | | BDNF | 266.0267029 | | DQ | | | ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP) | | 20002 | 4048 | 1595 |
| 203 | | RS | REP3 | | BDNF | 622.4987183 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 19064 | 7833 | 1123 |
| 303 | | RS | REP3 | | BDNF | 1457.020752 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 20871 | 14822 | 604 |
| 403 | | RS | REP3 | | BDNF | 2862.445068 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 18686 | 17046 | 164 |
| 012 | | 200 | REP3 | | BDNF | 586.7678833 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 20473 | 8040 | 1243 |
| C12 | 4 | 200 | REP3 | | BDNF | 957.8773193 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 20551 | 11447 | 910 |
| 312 | 8 | 200 | REP3 | | BDNF | 1931.979492 | OK | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | FAM | 18439 | 14870 | 356 |
| 412 | | 200 | REP3 | | BDNF | 3773.816406 | OK | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | FAM | 20100 | 19287 | 81 |
| | | 150.2 | REP3 | | BDNF | 446.0667114 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 18944 | 5978 | 1296 |
| 309 | | 150.2 | REP3 | | BDNF | 764.0432739 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 19830 | 9472 | 1035 |
| -09 | 8 | 150.2 | REP3 | | BDNF | 1469.234375 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 19126 | 13640 | 548 |
| | 16 | 150.2 | REP3 | | BDNF | 2840.490967 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 18430 | 16782 | 164 |
| 200 | | 150 | REP3 | | BDNF | 423.3496094 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 20568 | 6216 | 1435 |
| | 8 | 150 150 | REP3 REP3 | | BDNF BDNF | 750.3000488 1545.439087 | | DQ DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP) | | 20841 20298 | 9827 14841 | 1101 545 |
| 409 | | 150 | REP3 | | BDNF | 2949.800537 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 20296 | 18723 | 166 |
| 103 | | 100.2 | REP3 | | BDNF | 247.4173126 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 20547 | 3897 | 1665 |
| 303 | | 100.2 | REP3 | | BDNF | 608.5429688 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 19485 | 7869 | 1161 |
| | 8 | 100.2 | REP3 | | BDNF | 1224.796753 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 19908 | 12879 | 702 |
| | 16 | 100.2 | REP3 | | BDNF | | OK | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 19840 | 18249 | 159 |
| | | 50.2 | REP3 | | BDNF | 140.5720215 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 21008 | 2366 | 1864 |
| 506 | 4 | 50.2 | REP3 | | BDNF | 249.2716827 | OK | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | FAM | 20991 | 4008 | 1698 |
| 06 | 8 | 50.2 | REP3 | | BDNF | 544.012085 | ОК | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | FAM | 20965 | 7762 | 1320 |
| 06 | 16 | 50.2 | REP3 | | BDNF | 1026.855957 | OK | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | FAM | 19889 | 11580 | 830 |
| | | 50 | REP3 | | BDNF | 138.2278748 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 18574 | 2059 | 1651 |
| 206 | | 50 | REP3 | | BDNF | 249.8983154 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 19930 | 3814 | 1611 |
| 306 | 8 | 50 | REP3 | | BDNF | 537.3498535 | OK | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | FAM | 19064 | 6990 | 1207 |

| 10 | 11 | 12 | Column 18 | Column 19 |
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| 37 | 41 | 45 | | |
| 38 | 42 | 46 | | |
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BQT Infectivity_13Nov2024-11-39-54

| | Sample | Sample | Sample | Sample | | Conc(copies/ | | | | | | | Accepted | | |
|------------|------------|----------------|--------------|---------------|--------|----------------------------|--------|------------|------------|------------|--|------------|----------------|----------------|----------------|
| | | | | description 4 | - | | | | SampleType | | | DyeName(s) | Droplets | Positives | Negative |
| 106 | | 50 | REP3 | | | 984.0247192 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 19568 19747 | 11090 | 8478 1974 |
| | NTC NTC | | | | | No Call 0.34029907 | CHECK | DQ | Unknown | Unknown | ddPCR Supermix for Probes (no dUTP) ddPCR Supermix for Probes (no dUTP) | | 20746 | 6 | 2074 |
| | NTC | | | | | No Call | CHECK | | Unknown | Unknown | ddPCR Supermix for Probes (no dUTP) | | 19958 | 0 | 1995 |
| | PC | | | | | 1509.848633 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (no dUTP) | FAM | 19141 | 13837 | 530- |
| | PC | | | | BDNF | 1421.419922 | OK | DQ | Unknown | Unknown | ddPCR Supermix for Probes (no dUTP) | FAM | 19171 | 13444 | 572 |
| -12 | PC | | | | BDNF | 1506.818848 | OK | DQ | Unknown | Unknown | ddPCR Supermix for Probes (no dUTP) | FAM | 18865 | 13624 | 524 |
| | Sample | Sample | Sample | Sample | | Conc(copies/ | | | | | | | Accepted | | |
| Vell | | | | description 4 | Target | | Status | Experiment | SampleType | TargetType | Supermix | DyeName(s) | Droplets | Positives | Negative |
| 001 | 2 | RS | REP1 | | BDNF | 121.4333801 | OK | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP | FAM | 19741 | 1936 | 1780 |
| 201 | | RS | REP1 | | | 267.2140503 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 19219 | 3905 | 15314 |
| 301 | | RS | REP1 | | BDNF | 548.1389771 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP | | 20030 | 7460 | 1257 |
| A01 D10 | 16 | RS 200 | REP1 | | | 1253.342529 369.8317871 | | DQ DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP) | | 19361 21528 | 12689 5807 | 667 1572 |
| 210 | | 200 | REP1 | | BDNF | 503.3505554 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 20963 | 7297 | 1366 |
| 310 | | 200 | REP1 | | BDNF | 1035.681763 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP | | 20128 | 11782 | 834 |
| 410 | 16 | 200 | REP1 | | BDNF | 1779.52002 | ОК | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP | FAM | 19343 | 15081 | 426 |
| H07 | 2 | 150.2 | REP1 | | BDNF | 240.4176788 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP | FAM | 19548 | 3613 | 1593 |
| 307 | | 150.2 | REP1 | | BDNF | 402.3980713 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 20502 | 5939 | 1456 |
| | 16 | 150.2 150.2 | REP1 | | BDNF | 840.1790161 1465.478027 | | DQ DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP) | | 20639 20191 | 10534 14381 | 1010 581 |
| 07 | | 150.2 | REP1 | | BDNF | 239.6851807 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 20790 | 3832 | 16958 |
| 207 | | 150 | REP1 | | | 413.0661316 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP | | 20389 | 6037 | 1435 |
| 307 | 8 | 150 | REP1 | | BDNF | 836.7145996 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP | | 20505 | 10436 | 1006 |
| 407 | 16 | 150 | REP1 | | BDNF | 1446.222656 | OK | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP | | 19641 | 13896 | 574 |
| H01 | | 100.2 | REP1 | | BDNF | 130.6248779 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 19355 | 2034 | 1732 |
| | 4 | 100.2 | REP1 | | BDNF | 265.9398499 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 19820 | 4010 | 15810 |
| | 16 | 100.2 | REP1 | | BDNF | 564.5903931 1269.457153 | | DQ DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 18255 19528 | 6958 12890 | 11297 |
| | 2 | 50.2 | REP1 | | BDNF | 97.9960556 | OK | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP) | | 19528 | 1595 | 18362 |
| 304 | | 50.2 | REP1 | | | 180.1403809 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 20997 | 2981 | 18016 |
| | 8 | 50.2 | REP1 | | BDNF | 382.8408813 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 20128 | 5591 | 14537 |
| | 16 | 50.2 | REP1 | | BDNF | 606.4475708 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP | | 19308 | 7777 | 11531 |
| | 2 | 50 | REP1 | | | 99.47064209 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 20031 | 1624 | 18407 |
| | 4 | 50 | REP1 | | | 175.9420166 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 20388 | 2832 | 17556 |
| 304 404 | | 50 | REP1 | | | 381.4729919 590.8175659 | | DQ DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 20626 19843 | 5712 7834 | 14914 12009 |
| 002 | | RS | REP2 | | | 123.2781067 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP) | | 20315 | 2021 | 18294 |
| 202 | | RS | REP2 | | | 282.6411133 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP | | 19816 | 4232 | 1558 |
| 302 | | RS | REP2 | | | 632.5710449 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP | | 19382 | 8061 | 1132 |
| 402 | 16 | RS | REP2 | | BDNF | 1198.491821 | OK | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP | FAM | 19177 | 12253 | 6924 |
| D11 | | 200 | REP2 | | BDNF | | OK | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 21178 | 4386 | 1679 |
| 211 | | 200 | REP2 | | | 482.1478271 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 21604 | 7264 | 14340 |
| 311 411 | 16 | 200 | REP2 REP2 | | | 914.5630493 1931.075928 | | DQ DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP) | | 21292 19256 | 11506 15526 | 9786 3730 |
| 408 | | 150.2 | REP2 | | BDNF | 238.8732147 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 19232 | 3534 | 15698 |
| | 4 | 150.2 | REP2 | | BDNF | 392.708313 | OK | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP | | 21543 | 6114 | 15429 |
| | 8 | 150.2 | REP2 | | | 792.859375 | OK | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP | | 20822 | 10209 | 10613 |
| 80 | 16 | 150.2 | REP2 | | BDNF | 1433.126343 | OK | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | FAM | 20448 | 14400 | 6048 |
| 800 | | 150 | REP2 | | | | OK | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 20523 | 3824 | 16699 |
| | 4 | 150 | REP2 | | BDNF | 366.0437927 | OK | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 20648 | 5521 | 15127 |
| 308 408 | 16 | 150 150 | REP2 REP2 | | | 765.4019165 1423.313721 | | DQ DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP) | | 20610 19450 | 9857 13649 | 10753 5801 |
| 102 | | 100.2 | REP2 | | | 117.3526306 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 20972 | 1991 | 1898 |
| 302 | | 100.2 | REP2 | | | 275.8955688 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP | | 19972 | 4175 | 15797 |
| -02 | 8 | 100.2 | REP2 | | BDNF | 621.1397705 | ОК | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP | FAM | 18513 | 7594 | 10919 |
| 02 | | 100.2 | REP2 | | | 1177.178711 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP | | 20005 | 12650 | 7355 |
| 105 | | 50.2 | REP2 | | BDNF | 87.07595825 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 19764 | 1410 | 18354 |
| 305 | 8 | 50.2 50.2 | REP2 | | | 151.9986115 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP) | | 21353 | 2588 | 18765 |
| | 16 | 50.2 | REP2 REP2 | | BDNF | 324.9608765 537.3410034 | | DQ DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 19859 19847 | 4793 7277 | 15066 12570 |
| 005 | | 50 | REP2 | | BDNF | | OK | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP | | 20333 | 1433 | 18900 |
| 205 | | 50 | REP2 | | | 159.8617554 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP | | 20440 | 2597 | 17843 |
| 305 | 8 | 50 | REP2 | | BDNF | 310.8562622 | OK | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | FAM | 19819 | 4602 | 15217 |
| 405 | | 50 | REP2 | | BDNF | 523.4338989 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 19400 | 6967 | 12433 |
| 003 | | RS | REP3 | | | 134.8996429 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 20852 | 2259 | 18593 |
| 203 303 | 8 | RS RS | REP3 | | BDNF | 309.430542 722.7357178 | OK | DQ DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP) | | 20569 19229 | 4757 8826 | 15812 10403 |
| 403 | | RS | REP3 | | BDNF | 1338.896484 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 19229 | 13299 | 6271 |
| 012 | | 200 | REP3 | | BDNF | 280.2830811 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 21440 | 4545 | 16895 |
| C12 | | 200 | REP3 | | | 483.2579346 | OK | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP | | 20510 | 6909 | 13601 |
| 312 | | 200 | REP3 | | | 919.8685303 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 19937 | 10815 | 9122 |
| 412 | | 200 | REP3 | | | 1842.969238 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 19864 | 15717 | 414 |
| 109 | | 150.2 | REP3 | | | 219.3691254 | | DQ DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 19934 | 3391 | 1654 |
| | 8 | 150.2 150.2 | REP3 | | | 392.1303101 762.0933228 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP) | | 21538 20921 | 6105 9975 | 15433 10946 |
| | 16 | 150.2 | REP3 | | | 1415.068726 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 20313 | 14212 | 610 |
| | 2 | 150.2 | REP3 | | | 224.0620117 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 20696 | 3589 | 1710 |
| 209 | 4 | 150 | REP3 | | | 376.1473083 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP | | 20855 | 5707 | 15148 |
| 309 | | 150 | REP3 | | | 756.6038818 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 20816 | 9874 | 10942 |
| 409 | | 150 | REP3 | | | 1392.316528 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 19261 | 13363 | 5898 |
| 103 | | 100.2 | REP3 | | BDNF | 141.6658478 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 19348 | 2195 | 17153 15987 |
| G03 F03 | 8 | 100.2 | REP3 | | | 309.0543518 736.5704346 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP) | | 20790 19737 | 4803 9184 | 1598 |
| | 16 | 100.2 | REP3 | | | 1403.869507 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 20203 | 14077 | 612 |
| 106 | | 50.2 | REP3 | | BDNF | 69.65585327 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 20978 | 1206 | 1977 |
| 306 | 4 | 50.2 | REP3 | | BDNF | 123.5937729 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP | | 20707 | 2065 | 1864 |
| | 8 | 50.2 | REP3 | | BDNF | 268.9034119 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 20981 | 4287 | 1669 |
| 06 | | 50.2 | REP3 | | BDNF | 486.1256714 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 20099 | 6803 | 1329 |
| 206 | | 50 | REP3 | | | 72.16507721 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 21665 | 1289 | 2037 |
| 206 306 | 8 | 50 | REP3 | | BDNF | 132.0900574 261.3279724 | | DQ DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP) | | 20329 20930 | 2159 4169 | 18170 1676 |
| | 16 | 50 | REP3 | | | 483.8331604 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (No dUTP) | | 19476 | 6567 | 1676 |
| | NTC | 30 | 3 | | | No Call | CHECK | | Unknown | Unknown | ddPCR Supermix for Probes (no dUTP) | | 21291 | 0.507 | 2129 |
| | NTC | | | | BDNF | 0.340020388 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (no dUTP) | | 20763 | 6 | 2075 |
| | NTC | | | | | No Call | CHECK | | Unknown | Unknown | ddPCR Supermix for Probes (no dUTP) | | 21116 | 0 | 21116 |
| | PC | | | | BDNF | 1563.026733 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (no dUTP) | | 20313 | 14933 | 5380 |
| -11 | PC | | | | BDNF | 1458.765747 | | DQ | Unknown | Unknown | ddPCR Supermix for Probes (no dUTP) | | 19582 | 13915 | 5667 |
| -12 | | | | | BDNF | 1504.456665 | OIL | DQ | Unknown | Unknown | ddPCR Supermix for Probes (no dUTP) | | 19833 | 14312 | 5521 |