

## **Astellas BQT Assay Report**

**Test Article Report** 

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

**Astellas BQT Infectivity Files** 

First Data File Second Data File
18OCT2024\_Plate03\_KL-S3 18OCT2024\_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			10.26634283	2.307 Pass	
50% L01-240910_1	14	2	1.154e+10	20496	133015616.6	1.1528235451	1.6e+1	1.2041199827	10.062139794	2.656 Pass	2.075 Ok
50% L01-240910_1	15	2	5.404e+9	20282	177405513.34	3.2830346726	8e+0	0.903089987	9.7326916431	1.807 Pass	0.940 Ok
50% L01-240910_1	16	2	2.944e+9	19460.5	56060299.031	1.9039125695	4e+0	0.6020599913	9.4690084089	1.996 Pass	1.672 Ok
50% L01-240910_1	17	2	1.643e+10	19077.5	1033162251.4	6.2868996979			10.215731998	0.043 Pass	
50% L01-240910_1	18	2	9.459e+9	19732.5	188463982.8	1.9924404129	1.6e+1	1.2041199827	9.9758430228	0.112 Pass	0.097 Ok
50% L01-240910_1	19	2	4.726e+9	20131.5	98091321.701	2.075351646	8e+0	0.903089987	9.6745388925	0.088 Pass	-0.124 Ok
50% L01-240910_1	20	2	2.551e+9	20294	40150072.104	1.5738839181	4e+0	0.6020599913	9.4067136317	0.033 Pass	0.289 Ok
50% L01-240910_1	21	2	1.464e+10	19522	173507016.57	1.1853448318			10.165472332	1.958 Pass	
50% L01-240910_1	22	2	7.950e+9	19997	155852437.26	1.9603972923	1.6e+1	1.2041199827	9.9003695043	1.733 Pass	-1.508 Ok
50% L01-240910_1	23	2	3.856e+9	20129.5	151481358.05	3.9288780116	8e+0	0.903089987	9.5860906454	2.526 Pass	-1.922 Ok
50% L01-240910_1	24	2	2.119e+9	20119.5	64724449.5	3.0542138986	4e+0	0.6020599913	9.3261689162	2.259 Pass	-1.394 Ok
Ref.Std (L01-240910)	1	2	3.706e+10	18978	760275303.25	2.0513230621			10.56893682	0.993 Pass	
Ref.Std (L01-240910)	2	2	1.676e+10	19425	448865633.8	2.6779458075	1.6e+1	1.2041199827	10.224314572	2.677 Pass	-1.326 Ok
Ref.Std (L01-240910)	3	2	7.894e+9	19283	173809988.84	2.2019327821	8e+0	0.903089987	9.8972706745	2.803 Pass	-0.622 Ok
Ref.Std (L01-240910)	4	2	3.558e+9	19900.5	119963713.77	3.3714963187	4e+0	0.6020599913	9.5512272121	1.253 Pass	-0.494 Ok
Ref.Std (L01-240910)	5	2	3.782e+10	19498	2633987435.9	6.9650394744			10.577690117	0.469 Pass	
Ref.Std (L01-240910)	6	2	1.968e+10	19161.5	988424708.4	5.0234907393	1.6e+1	1.2041199827	10.293937987	0.116 Pass	0.128 Ok
Ref.Std (L01-240910)	7	2	8.739e+9	19226	368054388.21	4.2113957236	8e+0	0.903089987	9.9414859483	0.137 Pass	0.173 Ok
Ref.Std (L01-240910)	8	2	3.686e+9	19778.5	16840666.879	0.4568279827	4e+0	0.6020599913	9.5666065868	0.313 Pass	-0.186 Ok
Ref.Std (L01-240910)	9	2	4.155e+10	19128	1958531281.1	4.7134708372			10.618589688	7.706 Pass	
Ref.Std (L01-240910)	10	2	2.177e+10	20050	122498999.17	0.562730193	1.6e+1	1.2041199827	10.337832323	1.723 Pass	1.034 Ok
Ref.Std (L01-240910)	11	2	9.310e+9	19816.5	38582938.215	0.4144158489	8e+0	0.903089987	9.9689589413	1.661 Pass	0.673 Ok
Ref.Std (L01-240910)	12	2	4.019e+9	20427	40014284.268	0.9957034587	4e+0	0.6020599913	9.6040850374	4.371 Pass	0.559 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

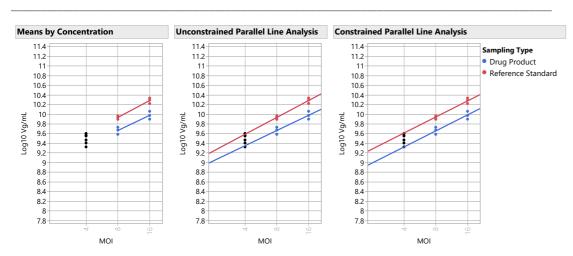
### 50% L01-240910\_1 Test Sample & Reference Standard Summary Statistics

				Std
Group	MOI	N Rows	Mean(Vg/mL)	Dev(Vg/mL)
Ref.Std (L01-240910)		3	3.9e+10	2.4e+9
Ref.Std (L01-240910)	4e+0	3	3.75e+9	2.38e+8
Ref.Std (L01-240910)	8e+0	3	8.65e+9	7.13e+8
Ref.Std (L01-240910)	1.6e+1	3	1.9e+10	2.51e+9
50% L01-240910_1		3	1.7e+10	1.91e+9
50% L01-240910_1	4e+0	3	2.54e+9	4.13e+8
50% L01-240910_1	8e+0	3	4.66e+9	7.76e+8
50% L01-240910_1	1.6e+1	3	9.65e+9	1.8e+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	0.901	0.000	0.946	0.064	Parallel and Linear	Model 2, Low Standard and Test Doses Excluded
Model 1, All Doses	0.814	1.501	0.971	0.058	Parallel and Linear	
Model 3, High Standard and Test Doses Excluded	0.729	0.000	0.947	0.056	Parallel and Linear	
Model 6, Test Low Dose Only Excluded	0.886	0.928	0.965	0.056	Parallel and Linear	
Model 9, Standard High Dose and Test Low Dose Excluded	0.870	0.000	0.927	0.059	Parallel and Linear	
Model 4, Standard Low Dose Only Excluded	0.828	4.039	0.968	0.064	Parallel and Linear	
Model 5, Standard High Dose Only Excluded	0.800	3.900	0.948	0.060	Parallel and Linear	
Model 8, Standard Low Dose and Test High Dose Excluded	0.755	0.000	0.977	0.062	Parallel and Linear	
Model 7, Test High Dose Only Excluded	0.742	1.009	0.978	0.054	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	0.089	Passed Validity Criteria	
Parallelism Slope Ratio	0.7	1.4	0.901	Passed Validity Criteria	
Linearity Ratio		26.3	0.000	Passed Validity Criteria	
Unconstrained EC50 Standard	0.04	61.8	9.138	Passed Validity Criteria	
Number of Wells that Failed Accepted Droplets (<10000)		1	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
8.37	15.29	54.8	0	0	54.8	62.1	46.5	150	50	15.6	15.6 Bioassay Results are Reportable Assay is Valid and Within Limit
Unconstrained	RI Constrained										
Infectious	Infectious Partic Ratio Lower Lim	le Infectious P	article								
0.5	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			10.645195405	6.522 Pass		
150% L01-240910_1	26	2	2.550e+10	20365.5	562893082.9	2.2074702976	1.6e+1	1.2041199827	10.406531043	80.472 Pass	1.547	Ok
150% L01-240910_1	27	2	1.230e+10	20080.5	129517198.73	1.0529509883	8e+0	0.903089987	10.089919286	5.187 Pass	-0.078	Ok
150% L01-240910_1	28	2	7.105e+9	20666.5	120860492.39	1.7010399847	4e+0	0.6020599913	9.851569837	0.478 Pass	0.816	Ok
150% L01-240910_1	29	2	4.324e+10	19797	760109575.1	1.7580116665			10.635854451	0.430 Pass		
150% L01-240910_1	30	2	2.298e+10	20092.5	31656665.012	0.1377308391	1.6e+1	1.2041199827	10.361433967	0.682 Pass	0.044	Ok
150% L01-240910_1	31	2	1.094e+10	20710	52721619.976	0.4817384535	8e+0	0.903089987	10.039177432	1.154 Pass	-1.616	Ok
150% L01-240910_1	32	2	7.215e+9	20526	88293615.492	1.2237302372	4e+0	0.6020599913	9.8582436097	0.981 Pass	1.041	Ok
150% L01-240910_1	33	2	4.301e+10	19822.5	1751865687.7	4.073324556			10.633551791	1.051 Pass		
150% L01-240910_1	34	2	2.294e+10	20557	341864810.14	1.49026602	1.6e+1	1.2041199827	10.3605906	0.732 Pass	0.019	Ok
150% L01-240910_1	35	2	1.127e+10	20848	21155586.254	0.1877249333	8e+0	0.903089987	10.051903106	0.368 Pass	-1.183	Ok
150% L01-240910_1	36	2	6.536e+9	20632	262772342.09	4.0203525339	4e+0	0.6020599913	9.8153155151	8.021 Pass	-0.312	Ok
Ref.Std (L01-240910)	1	2	3.706e+10	18978	760275303.25	2.0513230621			10.56893682	0.993 Pass		
Ref.Std (L01-240910)	2	2	1.676e+10	19425	448865633.8	2.6779458075	1.6e+1	1.2041199827	10.224314572	2.677 Pass	-2.282	Ok
Ref.Std (L01-240910)	3	2	7.894e+9	19283	173809988.84	2.2019327821	8e+0	0.903089987	9.8972706745	2.803 Pass	-0.984	Ok
Ref.Std (L01-240910)	4	2	3.558e+9	19900.5	119963713.77	3.3714963187	4e+0	0.6020599913	9.5512272121	1.253 Pass	-0.776	Ok
Ref.Std (L01-240910)	5	2	3.782e+10	19498	2633987435.9	6.9650394744			10.577690117	0.469 Pass		
Ref.Std (L01-240910)	6	2	1.968e+10	19161.5	988424708.4	5.0234907393	1.6e+1	1.2041199827	10.293937987	0.116 Pass	0.199	Ok
Ref.Std (L01-240910)	7	2	8.739e+9	19226	368054388.21	4.2113957236	8e+0	0.903089987	9.9414859483	0.137 Pass	0.269	Ok
Ref.Std (L01-240910)	8	2	3.686e+9	19778.5	16840666.879	0.4568279827	4e+0	0.6020599913	9.5666065868	0.313 Pass	-0.289	Ok
Ref.Std (L01-240910)	9	2	4.155e+10	19128	1958531281.1	4.7134708372			10.618589688	7.706 Pass		
Ref.Std (L01-240910)	10	2	2.177e+10	20050	122498999.17	0.562730193	1.6e+1	1.2041199827	10.337832323	1.723 Pass	1.702	Ok
Ref.Std (L01-240910)	11	2	9.310e+9	19816.5	38582938.215	0.4144158489	8e+0	0.903089987	9.9689589413	1.661 Pass	1.069	Ok
Ref.Std (L01-240910)	12	2	4.019e+9	20427	40014284.268	0.9957034587	4e+0	0.6020599913	9.6040850374	4.371 Pass	0.881	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

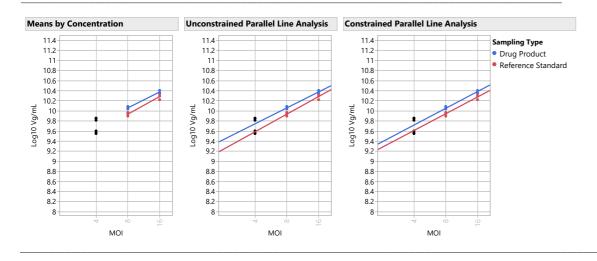
### 150% L01-240910\_1 Test Sample & Reference Standard Summary Statistics

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

### 150% L01-240910\_1 Model Selection

	Parallelism	Linearity				
Model	Slope Ratio	Ratio	R2	RMSE	Validity Evaluation	Selected Model
Model 2, Low Standard and Test Doses Excluded	0.904	0.000	0.969	0.039	Parallel and Linear	Model 2, Low Standard and Test Doses Excluded
Model 1, All Doses	0.751	3.401	0.985	0.037	Parallel and Linear	
Model 6, Test Low Dose Only Excluded	0.888	0.927	0.989	0.035	Parallel and Linear	
Model 9, Standard High Dose and Test Low Dose Excluded	0.873	0.000	0.993	0.029	Parallel and Linear	
Model 4, Standard Low Dose Only Excluded	0.765	8.009	0.972	0.040	Parallel and Linear	
Model 5, Standard High Dose Only Excluded	0.738	7.609	0.988	0.034	Parallel and Linear	
Model 8, Standard Low Dose and Test High Dose Excluded	0.626	0.000	0.966	0.038	Fails Parallelism and is Linear	
Model 7, Test High Dose Only Excluded	0.615	1.089	0.984	0.035	Fails Parallelism and is Linear	
Model 3, High Standard and Test Doses Excluded	0.604	0.000	0.983	0.029	Fails Parallelism and is 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	0.072	Passed Validity Criteria	
Parallelism Slope Ratio	0.7	1.4	0.904	Passed Validity Criteria	
Linearity Ratio		26.3	0.000	Passed Validity Criteria	
Unconstrained EC50 Standard	0.04	61.8	9.138	Passed Validity Criteria	
Number of Wells that Failed Accepted Droplets (<10000)		1	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
12.66	10.11	125.1	0	0	125.1	135.3	116.4	150	50	18.9	18.9	Bioassay Results are Reportable	Assay is Valid and Within Limi
		Rela	ative										
Unconstrained	RI Constrained	RI Infectivity D	Pelta										
125	5.2 125	.1	0.1										
Infectious	Infectious Partic	le Infectious P	article										
Particle Ratio	Ratio Lower Lin	nit Ratio Uppe	r Limit										
1.1	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 Group
200% L01-240910	37	2	5.344e+10	19290.5	80196876.213	0.1500625229			10.727885209	2.668	Pass		
200% L01-240910	38	2	3.096e+10	19264.5	154005481.06	0.4974087484	1.6e+1	1.2041199827	10.490822758	6.431	Pass	1.291	Ok
200% L01-240910	39	2	1.470e+10	20635	560906281.84	3.8146779658	8e+0	0.903089987	10.167432423	1.692	Pass	-0.610	Ok
200% L01-240910	40	2	1.091e+10	20539	257568089.92	2.3602328346	4e+0	0.6020599913	10.03793721	7.404	Pass	3.320	Ok
200% L01-240910	41	2	5.776e+10	19541.5	249954306.34	0.4327798418			10.7615936	1.727	Pass		
200% L01-240910	42	2	2.763e+10	20939.5	269194304.26	0.9743799903	1.6e+1	1.2041199827	10.44133751	1.057	Pass	-0.059	Ok
200% L01-240910	43	2	1.404e+10	19917	594811930.38	4.2353940345	8e+0	0.903089987	10.14748585	2.738	Pass	-1.114	Ok
200% L01-240910	44	2	8.118e+9	19609.5	102821370.74	1.2666382592	4e+0	0.6020599913	9.9094307874	1.006	Pass	-0.892	Ok
200% L01-240910	45	2	5.595e+10	19982	932086203.29	1.6659818239			10.747785821	0.115	Pass		
200% L01-240910	46	2	2.829e+10	19188	978378731.34	3.4586506089	1.6e+1	1.2041199827	10.451600311	0.427	Pass	0.206	Ok
200% L01-240910	47	2	1.443e+10	20530.5	91625658.209	0.6348367112	8e+0	0.903089987	10.159355074	0.127	Pass	-0.809	Ok
200% L01-240910	48	2	8.605e+9	20956.5	277911220.03	3.2296461072	4e+0	0.6020599913	9.9347511442	0.461	Pass	-0.215	Ok
Ref.Std (L01-240910)	1	2	3.706e+10	18978	760275303.25	2.0513230621			10.56893682	0.993	Pass		
Ref.Std (L01-240910)	2	2	1.676e+10	19425	448865633.8	2.6779458075	1.6e+1	1.2041199827	10.224314572	2.677	Pass	-1.821	Ok
Ref.Std (L01-240910)	3	2	7.894e+9	19283	173809988.84	2.2019327821	8e+0	0.903089987	9.8972706745	2.803	Pass	-0.821	Ok
Ref.Std (L01-240910)	4	2	3.558e+9	19900.5	119963713.77	3.3714963187	4e+0	0.6020599913	9.5512272121	1.253	Pass	-0.649	Ok
Ref.Std (L01-240910)	5	2	3.782e+10	19498	2633987435.9	6.9650394744			10.577690117	0.469	Pass		
Ref.Std (L01-240910)	6	2	1.968e+10	19161.5	988424708.4	5.0234907393	1.6e+1	1.2041199827	10.293937987	0.116	Pass	0.167	Ok
Ref.Std (L01-240910)	7	2	8.739e+9	19226	368054388.21	4.2113957236	8e+0	0.903089987	9.9414859483	0.137	Pass	0.226	Ok
Ref.Std (L01-240910)	8	2	3.686e+9	19778.5	16840666.879	0.4568279827	4e+0	0.6020599913	9.5666065868	0.313	Pass	-0.244	Ok
Ref.Std (L01-240910)	9	2	4.155e+10	19128	1958531281.1	4.7134708372			10.618589688	7.706	Pass		
Ref.Std (L01-240910)	10	2	2.177e+10	20050	122498999.17	0.562730193	1.6e+1	1.2041199827	10.337832323	1.723	Pass	1.391	Ok
Ref.Std (L01-240910)	11	2	9.310e+9	19816.5	38582938.215	0.4144158489	8e+0	0.903089987	9.9689589413	1.661	Pass	0.890	Ok
Ref.Std (L01-240910)	12	2	4.019e+9	20427	40014284.268	0.9957034587	4e+0	0.6020599913	9.6040850374	4.371	Pass	0.737	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

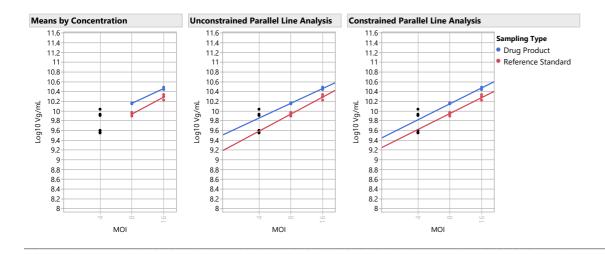
### 200% L01-240910 Test Sample & Reference Standard Summary Statistics

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

#### 200% L01-240910 Model Selection

	Parallelism	Linearity				
Model	Slope Ratio	Ratio	R2	RMSE	Validity Evaluation	Selected Model
Model 2, Low Standard and Test Doses Excluded	0.868	0.000	0.976	0.037	Parallel and Linear	Model 2, Low Standard and Test Doses Excluded
Model 1, All Doses	0.704	3.849	0.982	0.044	Parallel and Linear	
Model 6, Test Low Dose Only Excluded	0.852	0.945	0.991	0.033	Parallel and Linear	
Model 9, Standard High Dose and Test Low Dose Excluded	0.838	0.000	0.996	0.027	Parallel and Linear	
Model 4, Standard Low Dose Only Excluded	0.716	8.977	0.958	0.048	Parallel and Linear	
Model 5, Standard High Dose Only Excluded	0.691	8.492	0.984	0.043	Fails Parallelism and is Linear	
Model 8, Standard Low Dose and Test High Dose Excluded	0.565	0.000	0.930	0.048	Fails Parallelism and is Linear	
Model 7, Test High Dose Only Excluded	0.555	1.130	0.977	0.043	Fails Parallelism and is Linear	
Model 3, High Standard and Test Doses Excluded	0.545	0.000	0.975	0.041	Fails Parallelism and is 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	0.327	Passed Validity Criteria	
Parallelism Slope Ratio	0.7	1.4	0.868	Passed Validity Criteria	
Linearity Ratio		26.3	0.000	Passed Validity Criteria	
Unconstrained EC50 Standard	0.04	61.8	9.138	Passed Validity Criteria	
Number of Wells that Failed Accepted Droplets (<10000)		1	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	e CI Range % of Tolerance Check	OOS Validity
13.98	9.16	152.6	0	0	152.6	166.1	141.5	150	50	24.6	24.6	Bioassay Results are Reportable	Assay is Valid and OOS
		Rela											
Unconstrained F	RI Constrained I	RI Infectivity D	elta										
152.	.9 152	.6	0.3										
Infectious	Infectious Partic	le Infectious P	article										
Particle Ratio	Ratio Lower Lim	it Ratio Upper	r Limit										
1.4	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			10.566152948	0.971 Pass		
100% L01-240910	50	2	1.680e+10	19201	199492668.93	1.1876932528	1.6e+1	1.2041199827	10.225222651	5.468 Pass	-1.555	Ok
100% L01-240910	51	2	7.499e+9	19370	678147945.98	9.0435733427	8e+0	0.903089987	9.8749843856	2.185 Pass	-1.447	Ok
100% L01-240910	52	2	3.707e+9	19538	299090113.23	8.0676914922	4e+0	0.6020599913	9.5690527747	0.450 Pass	-0.194	Ok
100% L01-240910	53	2	3.785e+10	18893	3580292594.9	9.459908583			10.578031581	0.485 Pass		
100% L01-240910	54	2	1.945e+10	18662.5	1149824505.5	5.9125325644	1.6e+1	1.2041199827	10.288858015	0.383 Pass	0.528	Ok
100% L01-240910	55	2	8.368e+9	19716.5	128843280.71	1.5397191217	8e+0	0.903089987	9.9226202714	0.016 Pass	-0.027	Ok
100% L01-240910	56	2	3.646e+9	20386.5	178059200.32	4.8830356341	4e+0	0.6020599913	9.561874525	1.022 Pass	-0.417	Ok
100% L01-240910	57	2	4.332e+10	20021.5	1706528670.2	3.9391021166			10.636716349	8.291 Pass		
100% L01-240910	58	2	2.023e+10	19822.5	2634087129.5	13.017781226	1.6e+1	1.2041199827	10.306093168	1.127 Pass	1.098	Ok
100% L01-240910	59	2	9.200e+9	20137.5	101459939.16	1.1028389063	8e+0	0.903089987	9.9637825187	2.060 Pass	1.166	Ok
100% L01-240910	60	2	3.981e+9	19947.5	380929556.42	9.5696095024	4e+0	0.6020599913	9.5999504547	7.068 Pass	0.770	Ok
Ref.Std (L01-240910)	1	2	3.706e+10	18978	760275303.25	2.0513230621			10.56893682	0.993 Pass		
Ref.Std (L01-240910)	2	2	1.676e+10	19425	448865633.8	2.6779458075	1.6e+1	1.2041199827	10.224314572	2.677 Pass	-2.292	Ok
Ref.Std (L01-240910)	3	2	7.894e+9	19283	173809988.84	2.2019327821	8e+0	0.903089987	9.8972706745	2.803 Pass	-0.987	Ok
Ref.Std (L01-240910)	4	2	3.558e+9	19900.5	119963713.77	3.3714963187	4e+0	0.6020599913	9.5512272121	1.253 Pass	-0.778	Ok
Ref.Std (L01-240910)	5	2	3.782e+10	19498	2633987435.9	6.9650394744			10.577690117	0.469 Pass		
Ref.Std (L01-240910)	6	2	1.968e+10	19161.5	988424708.4	5.0234907393	1.6e+1	1.2041199827	10.293937987	0.116 Pass	0.199	Ok
Ref.Std (L01-240910)	7	2	8.739e+9	19226	368054388.21	4.2113957236	8e+0	0.903089987	9.9414859483	0.137 Pass	0.270	Ok
Ref.Std (L01-240910)	8	2	3.686e+9	19778.5	16840666.879	0.4568279827	4e+0	0.6020599913	9.5666065868	0.313 Pass	-0.290	Ok
Ref.Std (L01-240910)	9	2	4.155e+10	19128	1958531281.1	4.7134708372			10.618589688	7.706 Pass		
Ref.Std (L01-240910)	10	2	2.177e+10	20050	122498999.17	0.562730193	1.6e+1	1.2041199827	10.337832323	1.723 Pass	1.709	Ok
Ref.Std (L01-240910)	11	2	9.310e+9	19816.5	38582938.215	0.4144158489	8e+0	0.903089987	9.9689589413	1.661 Pass	1.072	Ok
Ref.Std (L01-240910)	12	2	4.019e+9	20427	40014284.268	0.9957034587	4e+0	0.6020599913	9.6040850374	4.371 Pass	0.885	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

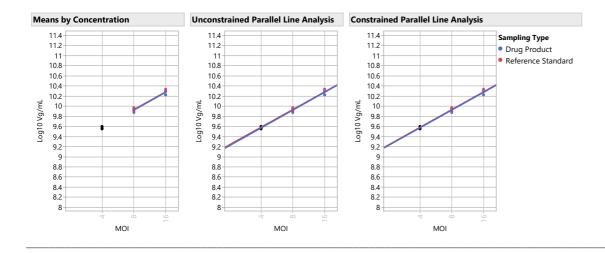
### 100% L01-240910 Test Sample & Reference Standard Summary Statistics

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

#### 100% L01-240910 Model Selection

	Parallelism	Linearity			Validity	
Model	Slope Ratio	Ratio	R2	RMSE	Evaluation	Selected Model
Model 2, Low Standard and Test Doses Excluded	1.010	0.000	0.957	0.046	Parallel and Linear	Model 2, Low Standard and Test Doses Excluded
Model 1, All Doses	0.979	0.108	0.987	0.037	Parallel and Linear	
Model 3, High Standard and Test Doses Excluded	0.949	0.000	0.977	0.033	Parallel and Linear	
Model 4, Standard Low Dose Only Excluded	0.996	0.676	0.983	0.040	Parallel and Linear	
Model 6, Test Low Dose Only Excluded	0.992	0.879	0.983	0.041	Parallel and Linear	
Model 8, Standard Low Dose and Test High Dose Excluded	0.983	0.000	0.982	0.042	Parallel and Linear	
Model 9, Standard High Dose and Test Low Dose Excluded	0.975	0.000	0.984	0.038	Parallel and Linear	
Model 7, Test High Dose Only Excluded	0.966	0.894	0.986	0.038	Parallel and Linear	
Model 5, Standard High Dose Only Excluded	0.962	0.663	0.988	0.034	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	1.010	Passed Validity Criteria	
Linearity Ratio		26.3	0.000	Passed Validity Criteria	
Unconstrained EC50 Standard	0.04	61.8	9.138	Passed Validity Criteria	
Number of Wells that Failed Accepted Droplets (<10000)		1	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
11.16	11.47	97.3	0	0	97.3	105.4	89.8	150	50	15.5	15.5 Bioassay Results are Reportable	Assay is Valid and Within L
		Rela	itive									
Unconstrained	RI Constrained	RI Infectivity D	elta									
97	.3 97	7.3	0.0									
Infectious	Infectious Partic	cle Infectious P	article									
Particle Ratio	Ratio Lower Lin	nit Ratio Uppe	r Limit									
0.9	(	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			10.263340148	2.562 Pass		
50% L01-240910_2	62	2	1.130e+10	20211	262898579.74	2.3266742485	1.6e+1	1.2041199827	10.053052657	2.246 Pass	1.868	Ok
50% L01-240910_2	63	2	5.357e+9	21162.5	66651202.129	1.2441699278	8e+0	0.903089987	9.7289282868	2.055 Pass	0.996	Ok
50% L01-240910_2	64	2	2.820e+9	19762	168860802.11	5.9869546674	4e+0	0.6020599913	9.4503228782	1.566 Pass	1.503	Ok
50% L01-240910_2	65	2	1.644e+10	20267.5	452436562.64	2.7520219303			10.215905804	0.095 Pass		
50% L01-240910_2	66	2	9.639e+9	19391	154759020.72	1.6054847679	1.6e+1	1.2041199827	9.9840497834	0.030 Pass	0.271	Ok
50% L01-240910_2	67	2	4.560e+9	21001	18127.742997	0.000397543	8e+0	0.903089987	9.6589596546	0.017 Pass	-0.309	Ok
50% L01-240910_2	68	2	2.548e+9	19777.5	91143848.022	3.5773123313	4e+0	0.6020599913	9.4061705006	0.173 Pass	0.504	Ok
50% L01-240910_2	69	2	1.499e+10	19994	579169394.77	3.8628534835			10.175897368	1.786 Pass		
50% L01-240910_2	70	2	8.114e+9	20973	65816734.103	0.8111860937	1.6e+1	1.2041199827	9.9092158315	2.007 Pass	-1.314	Ok
50% L01-240910_2	71	2	3.723e+9	20849	22105610.024	0.5936871551	8e+0	0.903089987	9.5709448514	2.191 Pass	-2.242	Ok
50% L01-240910_2	72	2	2.099e+9	20993	13367658.82	0.6368196257	4e+0	0.6020599913	9.3220389135	3.035 Pass	-1.264	Ok
Ref.Std (L01-240910)	1	2	3.706e+10	18978	760275303.25	2.0513230621			10.56893682	0.993 Pass		
Ref.Std (L01-240910)	2	2	1.676e+10	19425	448865633.8	2.6779458075	1.6e+1	1.2041199827	10.224314572	2.677 Pass	-1.357	Ok
Ref.Std (L01-240910)	3	2	7.894e+9	19283	173809988.84	2.2019327821	8e+0	0.903089987	9.8972706745	2.803 Pass	-0.635	Ok
Ref.Std (L01-240910)	4	2	3.558e+9	19900.5	119963713.77	3.3714963187	4e+0	0.6020599913	9.5512272121	1.253 Pass	-0.504	Ok
Ref.Std (L01-240910)	5	2	3.782e+10	19498	2633987435.9	6.9650394744			10.577690117	0.469 Pass		
Ref.Std (L01-240910)	6	2	1.968e+10	19161.5	988424708.4	5.0234907393	1.6e+1	1.2041199827	10.293937987	0.116 Pass	0.131	Ok
Ref.Std (L01-240910)	7	2	8.739e+9	19226	368054388.21	4.2113957236	8e+0	0.903089987	9.9414859483	0.137 Pass	0.177	Ok
Ref.Std (L01-240910)	8	2	3.686e+9	19778.5	16840666.879	0.4568279827	4e+0	0.6020599913	9.5666065868	0.313 Pass	-0.190	Ok
Ref.Std (L01-240910)	9	2	4.155e+10	19128	1958531281.1	4.7134708372			10.618589688	7.706 Pass		
Ref.Std (L01-240910)	10	2	2.177e+10	20050	122498999.17	0.562730193	1.6e+1	1.2041199827	10.337832323	1.723 Pass	1.056	Ok
Ref.Std (L01-240910)	11	2	9.310e+9	19816.5	38582938.215	0.4144158489	8e+0	0.903089987	9.9689589413	1.661 Pass	0.687	Ok
Ref.Std (L01-240910)	12	2	4.019e+9	20427	40014284.268	0.9957034587	4e+0	0.6020599913	9.6040850374	4.371 Pass	0.571	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

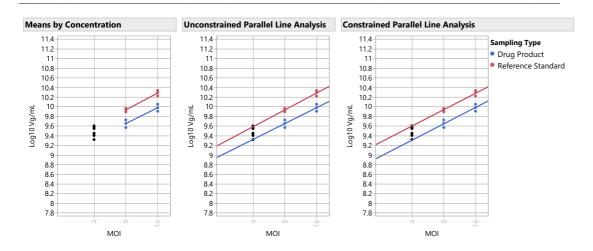
### 50% L01-240910\_2 Test Sample & Reference Standard Summary Statistics

				Std
Group	MOI	N Rows	Mean(Vg/mL)	Dev(Vg/mL)
Ref.Std (L01-240910)		3	3.9e+10	2.4e+9
Ref.Std (L01-240910)	4e+0	3	3.75e+9	2.38e+8
Ref.Std (L01-240910)	8e+0	3	8.65e+9	7.13e+8
Ref.Std (L01-240910)	1.6e+1	3	1.9e+10	2.51e+9
50% L01-240910_2		3	1.7e+10	1.68e+9
50% L01-240910_2	4e+0	3	2.49e+9	3.64e+8
50% L01-240910_2	8e+0	3	4.55e+9	8.17e+8
50% L01-240910 2	1.6e+1	3	9.68e+9	1.59e+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	0.942	0.000	0.950	0.063	Parallel and Linear	Model 2, Low Standard and Test Doses Excluded
Model 1, All Doses	0.828	2.175	0.973	0.056	Parallel and Linear	
Model 3, High Standard and Test Doses Excluded	0.719	0.000	0.948	0.056	Parallel and Linear	
Model 6, Test Low Dose Only Excluded	0.925	0.909	0.966	0.055	Parallel and Linear	
Model 9, Standard High Dose and Test Low Dose Excluded	0.909	0.000	0.932	0.058	Parallel and Linear	
Model 4, Standard Low Dose Only Excluded	0.843	5.419	0.970	0.062	Parallel and Linear	
Model 5, Standard High Dose Only Excluded	0.814	5.205	0.951	0.059	Parallel and Linear	
Model 8, Standard Low Dose and Test High Dose Excluded	0.744	0.000	0.978	0.061	Parallel and Linear	
Model 7, Test High Dose Only Excluded	0.731	1.015	0.979	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	0.029	Passed Validity Criteria	
Parallelism Slope Ratio	0.7	1.4	0.942	Passed Validity Criteria	
Linearity Ratio		26.3	0.000	Passed Validity Criteria	
Unconstrained EC50 Standard	0.04	61.8	9.138	Passed Validity Criteria	
Number of Wells that Failed Accepted Droplets (<10000)		1	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 Check OOS Validity
8.39	15.26	54.9	0	0	54.9	62.0	47.1	150	50	14.9	14.9 Bioassay Results are Reportable Assay is Valid and Within Limi
			ative								
Unconstrained	RI Constrained	RI Infectivity D	elta								
54	.9 54	.9	0.0								
Infectious	Infectious Partic	e Infectious P	article								
Particle Ratio	Ratio Lower Lim	it Ratio Uppe	r Limit								
0.5	0	.3	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			10.652651205	1.953 Pass	
150% L01-240910_2	74	2	2.566e+10	20858	639666646.59	2.4930803141	1.6e+1	1.2041199827	10.409217437	3.857 Pass	1.639 Ok
150% L01-240910_2	75	2	1.222e+10	20415.5	212403284.41	1.7378576067	8e+0	0.903089987	10.087147039	5.758 Pass	-0.306 Ok
150% L01-240910_2	76	2	7.248e+9	19921	49605155.379	0.6844349971	4e+0	0.6020599913	9.8601946062	0.933 Pass	0.942 Ok
150% L01-240910_2	77	2	4.381e+10	19580	1157150209.5	2.6411706984			10.641593268	0.045 Pass	
150% L01-240910_2	78	2	2.344e+10	20742.5	482974557.86	2.0600966742	1.6e+1	1.2041199827	10.370036653	0.269 Pass	0.224 Ok
150% L01-240910_2	79	2	1.144e+10	20183	480465980.94	4.1993236748	8e+0	0.903089987	10.058483293	1.103 Pass	-1.203 Ok
150% L01-240910_2	80	2	7.163e+9	19195	3819839.2688	0.0533236786	4e+0	0.6020599913	9.8551249868	0.513 Pass	0.764 Ok
150% L01-240910_2	81	2	4.253e+10	19371.5	109815609.98	0.2582091481			10.628692453	2.312 Pass	
150% L01-240910_2	82	2	2.245e+10	20023.5	582856847.74	2.596168258	1.6e+1	1.2041199827	10.351229067	1.342 Pass	-0.387 Ok
150% L01-240910_2	83	2	1.161e+10	20684	214437339.99	1.8466429905	8e+0	0.903089987	10.064917469	0.398 Pass	-0.988 Ok
150% L01-240910_2	84	2	6.636e+9	19439	77730062.789	1.1713325325	4e+0	0.6020599913	9.821908813	9.576 Pass	-0.329 Ok
Ref.Std (L01-240910)	1	2	3.706e+10	18978	760275303.25	2.0513230621			10.56893682	0.993 Pass	
Ref.Std (L01-240910)	2	2	1.676e+10	19425	448865633.8	2.6779458075	1.6e+1	1.2041199827	10.224314572	2.677 Pass	-2.481 Ok
Ref.Std (L01-240910)	3	2	7.894e+9	19283	173809988.84	2.2019327821	8e+0	0.903089987	9.8972706745	2.803 Pass	-1.048 Ok
Ref.Std (L01-240910)	4	2	3.558e+9	19900.5	119963713.77	3.3714963187	4e+0	0.6020599913	9.5512272121	1.253 Pass	-0.824 Ok
Ref.Std (L01-240910)	5	2	3.782e+10	19498	2633987435.9	6.9650394744			10.577690117	0.469 Pass	
Ref.Std (L01-240910)	6	2	1.968e+10	19161.5	988424708.4	5.0234907393	1.6e+1	1.2041199827	10.293937987	0.116 Pass	0.211 Ok
Ref.Std (L01-240910)	7	2	8.739e+9	19226	368054388.21	4.2113957236	8e+0	0.903089987	9.9414859483	0.137 Pass	0.285 Ok
Ref.Std (L01-240910)	8	2	3.686e+9	19778.5	16840666.879	0.4568279827	4e+0	0.6020599913	9.5666065868	0.313 Pass	-0.307 Ok
Ref.Std (L01-240910)	9	2	4.155e+10	19128	1958531281.1	4.7134708372			10.618589688	7.706 Pass	
Ref.Std (L01-240910)	10	2	2.177e+10	20050	122498999.17	0.562730193	1.6e+1	1.2041199827	10.337832323	1.723 Pass	1.829 Ok
Ref.Std (L01-240910)	11	2	9.310e+9	19816.5	38582938.215	0.4144158489	8e+0	0.903089987	9.9689589413	1.661 Pass	1.139 Ok
Ref.Std (L01-240910)	12	2	4.019e+9	20427	40014284.268	0.9957034587	4e+0	0.6020599913	9.6040850374	4.371 Pass	0.938 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

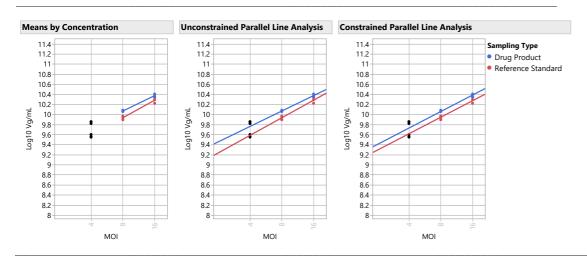
## 150% L01-240910\_2 Test Sample & Reference Standard Summary Statistics

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

# 150% L01-240910\_2 Model Selection

	Parallelism	Linearity				
Model	Slope Ratio	Ratio	R2	RMSE	Validity Evaluation	Selected Model
Model 2, Low Standard and Test Doses Excluded	0.877	0.000	0.970	0.038	Parallel and Linear	Model 2, Low Standard and Test Doses Excluded
Model 1, All Doses	0.747	2.806	0.987	0.035	Parallel and Linear	
Model 6, Test Low Dose Only Excluded	0.862	0.940	0.989	0.034	Parallel and Linear	
Model 9, Standard High Dose and Test Low Dose Excluded	0.847	0.000	0.994	0.028	Parallel and Linear	
Model 4, Standard Low Dose Only Excluded	0.760	6.774	0.975	0.038	Parallel and Linear	
Model 5, Standard High Dose Only Excluded	0.734	6.466	0.990	0.031	Parallel and Linear	
Model 8, Standard Low Dose and Test High Dose Excluded	0.642	0.000	0.969	0.036	Fails Parallelism and is Linear	
Model 7, Test High Dose Only Excluded	0.631	1.078	0.986	0.033	Fails Parallelism and is Linear	
Model 3, High Standard and Test Doses Excluded	0.620	0.000	0.987	0.026	Fails Parallelism and is 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	0.130	Passed Validity Criteria	
Parallelism Slope Ratio	0.7	1.4	0.877	Passed Validity Criteria	
Linearity Ratio		26.3	0.000	Passed Validity Criteria	
Unconstrained EC50 Standard	0.04	61.8	9.138	Passed Validity Criteria	
Number of Wells that Failed Accepted Droplets (<10000)		1	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
12.75	10.04	126.9	0	0	126.9	137.4	117.9	150	50	19.5	19.5 Bioassay Results are Reportable Assay is Valid and Within Lin
Jnconstrained I	RI Constrained I	Rela RI Infectivity D									
127.	.1 126	9	0.1								
Infectious	Infectious Partic	e Infectious P	article								
Particle Ratio	Ratio Lower Lim	it Ratio Uppe	r Limit								
1.1	0	3	1.0								

### **Relative Infectivity All Samples**

			Infectious			
Sample Name	EC50 Standard	EC50 Test	Ratio	Reportable RI	RI Lower 95	RI Upper 95
50% L01-240910_1	8.3717813229	15.289458129	0.5	54.8	46.5	62.1
150% L01-240910_1	12.656164414	10.113648639	1.1	125.1	116.4	135.3
200% L01-240910	13.977020322	9.1578889526	1.4	152.6	141.5	166.1
100% L01-240910	11.161706252	11.467780741	0.9	97.3	89.8	105.4
50% L01-240910_2	8.3865697324	15.262497551	0.5	54.9	47.1	62.0
150% L01-240910_2	12.746541619	10.041939518	1.1	126.9	117.9	137.4

	Overall		
Sample Name	Validity	OOS	Reportable
50% L01-240910_1	Assay is Valid	Within Limits	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	Within Limits	Reportable
150% L01-240910 2	Assav 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)

Contrary College 19th and I findle	Unit Calm	Location of Sample	nn 5 1	2	3				7	8	
System Suitability and Limits		mn 3 on Extracted DNA plate Colur		2							9
Lower Specification Limit (≥)	50.00	A	1	5						29	33
Upper Specification Limit (≤)	150.00	В	2	6						30	34
Reference Standard Curve Depth (≥)	2720000000.00	С	3	7						31	35
Unconstrained EC50 Standard Lower Limit (≥)	0.04	D	4	8	12					32	36
Unconstrained EC50 Standard Upper Limit (≤)	61.80	E	49	53	57					77	81
% Relative Potency Delta (Constrained – Unconstrained) (≤)	15.00	F	50	54							82
Within Group Jackknife z Outlier Limit (<)	4.00	G	51	55	59					79	83
Between Group Studentized Residuals Outlier Limit (<)	4.00	H	52	56	60	64	1 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	4	1 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	3000	3000	3000	3000
ec50 reference concentration target	4.74	С	3000	3000	3000	3000	3000	3000	3000	3000	3000
fixed position for Test article for Infectious Particles Ratio Equation	10.00	D	3000	3000	3000	3000	3000	3000	3000	3000	3000
Infectious Particles Ratio Lower Specification Limit (≥)	0.30	E	3000	3000	3000	3000	3000	3000	3000	3000	3000
Infectious Particles Ratio Upper Specification Limit (≤)	1.00	F	3000	3000	3000	3000	3000	3000	3000	3000	3000
Failed Accepted Droplets Upper Limit (≤)	5.00	G	3000	3000	3000	3000	3000	3000	3000	3000	3000
, , , , , , , , , , , , , , , , , , , ,		Н	3000	3000	3000	3000			3000	3000	3000
Report File Name											
Ref.Std (1-12)		ddPCR Map - Plate 2	1	2	3	4	1 5	6	7	8	9
Control (13-24)		A	6000	6000	6000	6000	6000	6000	6000	6000	6000
Sample 1 (25-36)		В	6000	6000	6000	6000	6000	6000	6000	6000	6000
Sample 2 (37-48)		С	6000	6000	6000	6000	6000	6000	6000	6000	6000
Sample 3 (49-60)		D	6000	6000	6000	6000	6000	6000	6000	6000	6000
Sample 4 (61-72)		E	6000	6000	6000	6000	6000	6000	6000	6000	6000
Sample 5 (73-84)		F	6000	6000	6000	6000	6000	6000	6000	6000	6000
· · · · · · ·		G	6000	6000	6000	6000	6000	6000	6000	6000	6000
Total Number of Plates	2.00	Н	6000	6000	6000	6000	6000	6000	6000	6000	6000
MOI Concentrations											
16											
8											
4											
2											

	Sample	Sample	Sample	Sample		Conc(copies/								Accepted		
				description 4	_				SampleType				DyeName(s)	Droplets	Positives	Negative
	2	RS	REP1		BDNF	231.5564728		DQ	Unknown	Unknown		or Probes (No dUTP)		20060	3584	1647
201		RS	REP1			518.0411377		DQ	Unknown	Unknown		or Probes (No dUTP)		19347	6891	1245
	8	RS	REP1		BDNF	1138.597412		DQ	Unknown	Unknown		or Probes (No dUTP)		18820	11670	715 234
A01 D10	16	RS 200	REP1			2435.005615 715.3798218		DQ DQ	Unknown	Unknown		for Probes (No dUTP)		18595 19550	16248 8907	1064
210		200	REP1		BDNF BDNF	953.8183594		DQ	Unknown	Unknown		or Probes (No dUTP) or Probes (No dUTP)		20307	11280	902
310		200	REP1		BDNF		OK	DQ	Unknown	Unknown		or Probes (No dUTP)		18401	15198	320
110		200	REP1		BDNF	3566.601074		DQ	Unknown	Unknown		or Probes (No dUTP)		19238	18310	9;
107		150.2	REP1		BDNF	485.5121765		DQ	Unknown	Unknown		or Probes (No dUTP)		20294	6862	134
307		150.2	REP1		BDNF	824.8217163		DQ	Unknown	Unknown		or Probes (No dUTP)		20329	10245	100
	8	150.2	REP1		BDNF	1740.666382		DQ	Unknown	Unknown		or Probes (No dUTP)		21077	16277	48
	16	150.2	REP1		BDNF	3061.294189		DQ	Unknown	Unknown		or Probes (No dUTP)		20346	18838	15
007		150	REP1		BDNF	467.9755249		DQ	Unknown	Unknown		or Probes (No dUTP)		20543	6742	138
207		150	REP1			813.9212646		DQ	Unknown	Unknown		or Probes (No dUTP)		19772	9873	98
	8	150	REP1		BDNF	1726.499268		DQ	Unknown	Unknown		or Probes (No dUTP)		20226	15564	46
07	16	150	REP1		BDNF	2997.810303	ОК	DQ	Unknown	Unknown		or Probes (No dUTP)		20351	18759	15
101	2	100.2	REP1		BDNF	233.0512695	OK	DQ	Unknown	Unknown	ddPCR Supermix f	or Probes (No dUTP)	FAM	19721	3544	161
601	4	100.2	REP1		BDNF	467.9432983	OK	DQ	Unknown	Unknown	ddPCR Supermix f	or Probes (No dUTP)	FAM	18920	6209	127
01	8	100.2	REP1		BDNF	1110.372437	OK	DQ	Unknown	Unknown	ddPCR Supermix f	or Probes (No dUTP)	FAM	20147	12307	78
01	16	100.2	REP1		BDNF	2371.200928	OK	DQ	Unknown	Unknown	ddPCR Supermix f	or Probes (No dUTP)	FAM	18619	16138	24
104	2	50.2	REP1		BDNF	180.0717621	OK	DQ	Unknown	Unknown	ddPCR Supermix f	or Probes (No dUTP)	FAM	19567	2777	167
04	4	50.2	REP1		BDNF	353.9968262	OK	DQ	Unknown	Unknown	ddPCR Supermix f	or Probes (No dUTP)	FAM	21328	5542	157
04	8	50.2	REP1		BDNF	740.8954468	OK	DQ	Unknown	Unknown		or Probes (No dUTP)		20294	9483	108
	16	50.2	REP1		BDNF		OK	DQ	Unknown	Unknown		or Probes (No dUTP)		20166	13090	70
	2	50	REP1		BDNF	193.6558685		DQ	Unknown	Unknown		or Probes (No dUTP)		18890	2867	160
	4	50	REP1		BDNF	368.6099854		DQ	Unknown	Unknown		or Probes (No dUTP)		20176	5427	147
04		50	REP1		BDNF	775.4868164		DQ	Unknown	Unknown		or Probes (No dUTP)		20366	9831	105
04		50	REP1		BDNF	1280.328125		DQ	Unknown	Unknown		or Probes (No dUTP)		18581	12323	62
002		RS	REP2		BDNF	244.9684601		DQ	Unknown	Unknown		or Probes (No dUTP)		19242	3617	156
.02		RS	REP2		BDNF	599.9827271		DQ	Unknown	Unknown		or Probes (No dUTP)		18636	7445	111
302		RS	REP2		BDNF	1358.331665		DQ	Unknown	Unknown		or Probes (No dUTP)		18941	12971	59
102		RS	REP2		BDNF	2645.318359		DQ	Unknown	Unknown		or Probes (No dUTP)		19819	17727	20
11		200	REP2		BDNF	536.3302002		DQ	Unknown	Unknown		or Probes (No dUTP)		18041	6605	114
11		200	REP2		BDNF	908.2162476		DQ	Unknown	Unknown		or Probes (No dUTP)		18230	9806	84
	8	200	REP2		BDNF	1854.505981		DQ	Unknown	Unknown		or Probes (No dUTP)		20587	16331	42
11		200	REP2		BDNF	3838.585938		DQ	Unknown	Unknown		or Probes (No dUTP)		19827	19068	7
	2	150.2	REP2 REP2			477.3862915 740.1178589		DQ	Unknown	Unknown		or Probes (No dUTP)		19158 18823	6390	127
	8	150.2 150.2	REP2		BDNF BDNF	1540.183472		DQ DQ	Unknown	Unknown		or Probes (No dUTP) or Probes (No dUTP)		20663	8789 15083	100
08		150.2	REP2		BDNF	2975.349854		DQ	Unknown	Unknown				18712	17220	14:
208		150.2	REP2		BDNF	476.8458557		DQ	Unknown	Unknown		or Probes (No dUTP) or Probes (No dUTP)		20529	6841	136
208		150	REP2			727.1169434		DQ	Unknown	Unknown		or Probes (No dUTP)		20772	9576	111
308		150	REP2		BDNF	1533.788452		DQ	Unknown	Unknown		or Probes (No dUTP)		19575	14260	53
108		150	REP2		BDNF		OK	DQ	Unknown	Unknown		or Probes (No dUTP)		20144	18458	16
102		100.2	REP2		BDNF	251.4928436		DQ	Unknown	Unknown		or Probes (No dUTP)		19801	3811	159
02		100.2	REP2		BDNF	563.9385986		DQ	Unknown	Unknown		or Probes (No dUTP)		19461	7411	120
02		100.2	REP2		BDNF	1350.686035		DQ	Unknown	Unknown		or Probes (No dUTP)		18812	12844	59
02		100.2	REP2		BDNF	2691.910645		DQ	Unknown	Unknown		or Probes (No dUTP)		17781	15977	18
105		50.2	REP2		BDNF	165.5587921		DQ	Unknown	Unknown		or Probes (No dUTP)		19791	2598	171
305	4	50.2	REP2		BDNF	303.9955139	ОК	DQ	Unknown	Unknown	ddPCR Supermix f	or Probes (No dUTP)	FAM	20649	4702	159
05	8	50.2	REP2		BDNF	635.3309326	ОК	DQ	Unknown	Unknown	ddPCR Supermix f	or Probes (No dUTP)	FAM	18923	7896	110
05	16	50.2	REP2		BDNF	1117.338135	ОК	DQ	Unknown	Unknown	ddPCR Supermix f	or Probes (No dUTP)	FAM	20688	12685	80
005	2	50	REP2		BDNF	168.1752167	ОК	DQ	Unknown	Unknown	ddPCR Supermix f	or Probes (No dUTP)	FAM	20255	2698	175
05	4	50	REP2		BDNF	310.4753723	OK	DQ	Unknown	Unknown	ddPCR Supermix f	or Probes (No dUTP)	FAM	19823	4598	152
305		50	REP2		BDNF	639.4810791		DQ	Unknown	Unknown	ddPCR Supermix f	or Probes (No dUTP)	FAM	19646	8238	114
<b>\</b> 05	16	50	REP2		BDNF	1144.275269	OK	DQ	Unknown	Unknown		or Probes (No dUTP)		18755	11664	70
003	2	RS	REP3		BDNF	266.0267029	OK	DQ	Unknown	Unknown	ddPCR Supermix f	or Probes (No dUTP)	FAM	20002	4048	159
03	4	RS	REP3		BDNF	622.4987183		DQ	Unknown	Unknown	ddPCR Supermix f	or Probes (No dUTP)	FAM	19064	7833	112
03		RS	REP3			1457.020752		DQ	Unknown	Unknown		or Probes (No dUTP)		20871	14822	60
.03	16	RS	REP3		BDNF	2862.445068		DQ	Unknown	Unknown	ddPCR Supermix f	or Probes (No dUTP)	FAM	18686	17046	16
)12		200	REP3		BDNF	586.7678833		DQ	Unknown	Unknown		or Probes (No dUTP)		20473	8040	124
12		200	REP3			957.8773193		DQ	Unknown	Unknown		or Probes (No dUTP)		20551	11447	91
12		200	REP3		BDNF	1931.979492		DQ	Unknown	Unknown		or Probes (No dUTP)		18439	14870	35
12		200	REP3		BDNF	3773.816406		DQ	Unknown	Unknown		or Probes (No dUTP)		20100	19287	8
109		150.2	REP3			446.0667114		DQ	Unknown	Unknown		or Probes (No dUTP)		18944	5978	129
09		150.2	REP3		BDNF	764.0432739		DQ	Unknown	Unknown		or Probes (No dUTP)		19830	9472	103
	8	150.2	REP3		BDNF	1469.234375		DQ	Unknown	Unknown		or Probes (No dUTP)		19126	13640	54
	16	150.2	REP3		BDNF	2840.490967		DQ	Unknown	Unknown		or Probes (No dUTP)		18430	16782	16
09		150	REP3			423.3496094		DQ	Unknown	Unknown		or Probes (No dUTP)		20568	6216	143
09		150	REP3		BDNF	750.3000488		DQ	Unknown	Unknown		or Probes (No dUTP)		20841	9827	110
09		150	REP3		BDNF	1545.439087		DQ	Unknown	Unknown		or Probes (No dUTP)		20298	14841	54
.09		150	REP3		BDNF	2949.800537		DQ	Unknown	Unknown		or Probes (No dUTP)		20384	18723	16
103		100.2	REP3		BDNF	247.4173126		DQ	Unknown	Unknown		or Probes (No dUTP)		20547	3897	166
03		100.2	REP3		BDNF	608.5429688		DQ	Unknown	Unknown		or Probes (No dUTP)		19485	7869	116
	16	100.2	REP3		BDNF	1224.796753		DQ	Unknown	Unknown		or Probes (No dUTP)		19908	12879	70
03		100.2	REP3		BDNF		OK	DQ	Unknown	Unknown		or Probes (No dUTP)		19840	18249	15
106		50.2	REP3		BDNF	140.5720215		DQ	Unknown	Unknown		or Probes (No dUTP)		21008	2366	186
606		50.2	REP3		BDNF	249.2716827		DQ	Unknown	Unknown		or Probes (No dUTP)		20991	4008	169
06		50.2	REP3				OK	DQ	Unknown	Unknown		or Probes (No dUTP)		20965	7762	1320
Uh	16	50.2 50	REP3		BDNF	1026.855957		DQ	Unknown	Unknown		or Probes (No dUTP)		19889	11580	830
006	2		- JEIJ		BDNF	138.2278748	OK	DQ	Unknown	Unknown	adPCR Supermix f	or Probes (No dUTP)	FAM	18574	2059	165

10	11	12	Column 18	Column 19
37	41	45		
38	42	46		
39	43	47		
40	44	48		
10	11	12		
3000	3000	3000		
3000	3000	3000		
3000	3000	3000		
3000	3000	3000		
10	11	12		
6000	6000	6000		
6000	6000	6000		
6000	6000	6000		
6000	6000	6000		
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# BQT Infectivity\_13Nov2024-13-37-03

006 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	6 ITC ITC ITC ITC C C C C C C dample elescription 1	50 50 Sample	REP3 REP3 REP3 REP3 REP1 REP1 REP1 REP1 REP1 REP1 REP1 REP1	BDNF BDNF BDNF BDNF BDNF BDNF BDNF BDNF	121.4333801 267.2140503 548.1389771 1253.342529 369.8317871 503.3505554	OK OK CHECK OK	DQ DQ DQ DQ DQ DQ DQ	SampleType Unknown	Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown	Supermix Independent of Probes (No dUTP) if ddPCR Supermix for Probes (no dUTP) if ddPCR Supermi	FAM FAM FAM FAM FAM FAM	Droplets 19064 19568 19747 20746 19958 19141 19171 18865	Positives 6990 11090 0 6 0 13837 13444 13624	Negatives 12074 8478 19747 20740 19958 5304 5727 5241
006 111     NN 111	6 ITC ITC ITC ITC C C C C C ample elescription 1 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Sample description 2 RS RS RS RS 200 200 200 250.2 150	Sample description 3 REP1 REP1 REP1 REP1 REP1 REP1 REP1 REP1	BDNF BDNF BDNF BDNF BDNF BDNF BDNF BDNF	984.0247192 No Call 0.34029907 No Call 1509.848633 1421.419922 1506.818848 Conc(copies/ µL) 121.4333801 267.2140503 548.1389771 1253.342529 369.8317871 503.3505554	OK CHECK OK	DQ DQ DQ DQ DQ DQ DQ DQ DQ	Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown	Unknown Unknown Unknown Unknown Unknown Unknown Unknown	ddPCR Supermix for Probes (No dUTP) fddPCR Supermix for Probes (no dUTP) f	FAM FAM FAM FAM FAM FAM	19568 19747 20746 19958 19141 19171	11090 0 6 0 13837 13444	8478 1974 20740 19958 5304 5727
100 N 111 N 112 N	ITC	Sample description 2 RS RS RS RS 200 200 200 250 150.2	Sample description 3 REP1 REP1 REP1 REP1 REP1 REP1 REP1 REP1	BDNF BDNF BDNF BDNF BDNF BDNF BDNF BDNF	No Call 0.34029907 No Call 1509.848633 1421.419922 1506.818848 Conc(copies/ µL) 121.4333801 267.2140503 548.1389771 1253.342529 369.8317871 503.3505554	CHECK OK CHECK OK OK OK Status OK OK	DQ DQ DQ DQ Experiment DQ	Unknown Unknown Unknown Unknown Unknown Unknown SampleType	Unknown Unknown Unknown Unknown Unknown Unknown	ddPCR Supermix for Probes (no dUTP) f ddPCR Supermix for Probes (no dUTP) f	FAM FAM FAM FAM	19747 20746 19958 19141 19171	0 6 0 13837 13444	1974 2074 1995 530 572
111 N N 12 N 12 N 12 N 12 N 12 N 12 N 1	ATC ATTC C C C C C C C C C C C C C C C C	description 2 RS RS RS RS 200 200 200 200 150.2 150.2 150.2 150.2 150.2 150.2	description 3 REP1 REP1 REP1 REP1 REP1 REP1 REP1 REP1	BDNF BDNF BDNF BDNF BDNF  Sample description 4 Target BDNF BDNF BDNF BDNF BDNF BDNF BDNF BDNF	0.34029907 No Call 1509.848633 1421.419922 1506.818848 Conc(copies/ µL) 121.4333801 267.2140503 548.1389771 1253.342529 369.8317871 503.3505554	CHECK OK OK OK Status OK OK	DQ DQ DQ DQ Experiment	Unknown Unknown Unknown Unknown Unknown SampleType	Unknown Unknown Unknown Unknown Unknown	ddPCR Supermix for Probes (no dUTP) f ddPCR Supermix for Probes (no dUTP) f ddPCR Supermix for Probes (no dUTP) f ddPCR Supermix for Probes (no dUTP) f	FAM FAM FAM	20746 19958 19141 19171	0 13837 13444	2074 1995 530 572
100 Per 11 Per 12 Per 12 Per 12 Per 13 Per 14 Per 1	CC CC cample lescription 1	description 2 RS RS RS RS 200 200 200 200 150.2 150.2 150.2 150.2 150.2 150.2	description 3 REP1 REP1 REP1 REP1 REP1 REP1 REP1 REP1	BDNF BDNF  Sample description 4 Target BDNF BDNF BDNF BDNF BDNF BDNF BDNF BDNF	1509.848633 1421.419922 1506.818848 Conc(copies/ µL) 121.4333801 267.2140503 548.1389771 1253.342529 369.8317871 503.3505554	OK OK OK Status OK OK	DQ DQ DQ Experiment	Unknown Unknown Unknown SampleType	Unknown Unknown Unknown	ddPCR Supermix for Probes (no dUTP)   ddPCR Supermix for Probes (no dUTP)	-AM	19141 19171	13837 13444	530 572
111 Per   Pe	CC CC ample elescription 1	description 2 RS RS RS RS 200 200 200 200 150.2 150.2 150.2 150.2 150.2 150.2	description 3 REP1 REP1 REP1 REP1 REP1 REP1 REP1 REP1	Sample description 4 Target BDNF BDNF BDNF BDNF BDNF BDNF BDNF BDNF	1421.419922 1506.818848 Conc(copies/ µL) 121.4333801 267.2140503 548.1389771 1253.342529 369.8317871 503.3505554	OK OK Status OK OK	DQ DQ Experiment	Unknown Unknown SampleType	Unknown Unknown	ddPCR Supermix for Probes (no dUTP)	AM	19171	13444	572
Sample   S	ample lescription 1  6  6  6  6	description 2 RS RS RS RS 200 200 200 200 150.2 150.2 150.2 150.2 150.2 150.2	description 3 REP1 REP1 REP1 REP1 REP1 REP1 REP1 REP1	Sample description 4 Target BDNF BDNF BDNF BDNF BDNF BDNF BDNF BDNF	1506.818848 Conc(copies/ µL) 121.4333801 267.2140503 548.1389771 1253.342529 369.8317871 503.3505554	OK Status OK OK	DQ  Experiment DQ	Unknown SampleType	Unknown					
Sacretary Sacret	ample lescription 1	description 2 RS RS RS RS 200 200 200 200 150.2 150.2 150.2 150.2 150.2 150.2	description 3 REP1 REP1 REP1 REP1 REP1 REP1 REP1 REP1	Sample description 4 Target BDNF BDNF BDNF BDNF BDNF BDNF BDNF BDNF	Conc(copies/ µL) 121.4333801 267.2140503 548.1389771 1253.342529 369.8317871 503.3505554	Status OK OK	Experiment DQ	SampleType		durck superifix for Frobes (flo do fr)		10003	13024	324
Vell divided by the series of	description 1	description 2 RS RS RS RS 200 200 200 200 150.2 150.2 150.2 150.2 150.2 150.2	description 3 REP1 REP1 REP1 REP1 REP1 REP1 REP1 REP1	description 4 Target BDNF BDNF BDNF BDNF BDNF BDNF BDNF BDNF	µL) 121.4333801 267.2140503 548.1389771 1253.342529 369.8317871 503.3505554	OK OK OK	DQ							
001 2 2 001 4 4 101 101 2 101 101 2 101 101 101 101 101	66	RS RS RS RS RS 200 200 200 200 150.2 150.2 150.2 150.2 150.0 150 150	REP1 REP1 REP1 REP1 REP1 REP1 REP1 REP1	BDNF BDNF BDNF BDNF BDNF BDNF BDNF BDNF	121.4333801 267.2140503 548.1389771 1253.342529 369.8317871 503.3505554	OK OK OK	DQ					Accepted		
001 4 4 8 1001 4 4 8 1001 4 4 8 1001 4 8 1001 4 4 8 1001 4 8 1001 4 4 8 1001 4 8 100	66	RS RS RS 200 200 200 200 150.2 150.2 150.2 150.2 150.2 150.0	REP1 REP1 REP1 REP1 REP1 REP1 REP1 REP1	BDNF BDNF BDNF BDNF BDNF BDNF BDNF BDNF	267.2140503 548.1389771 1253.342529 369.8317871 503.3505554	OK OK		Unknown	TargetType		DyeName(s)	Droplets	Positives	Negative
001 8 8 100 1 1110 2 1100 1 11	66	RS RS 200 200 200 200 150.2 150.2 150.2 150.2 150.2 150.0 150	REP1 REP1 REP1 REP1 REP1 REP1 REP1 REP1	BDNF BDNF BDNF BDNF BDNF BDNF	548.1389771 1253.342529 369.8317871 503.3505554	ОК	DQ		Unknown	ddPCR Supermix for Probes (No dUTP)		19741	1936	1780
01 1110 2 1100 4 1100 8 8 1100 1100 1100 1100 110	66	RS 200 200 200 200 150.2 150.2 150.2 150.5 150 150	REP1 REP1 REP1 REP1 REP1 REP1 REP1 REP1	BDNF BDNF BDNF BDNF BDNF	1253.342529 369.8317871 503.3505554		DQ	Unknown	Unknown Unknown	ddPCR Supermix for Probes (No dUTP) F ddPCR Supermix for Probes (No dUTP) F		19219 20030	3905 7460	1531 1257
10 2 10 10 10 10 10 10 10 10 10 10 10 10 10	66	200 200 200 200 150.2 150.2 150.2 150.2 150.5 150.2	REP1 REP1 REP1 REP1 REP1 REP1 REP1 REP1	BDNF BDNF BDNF BDNF	369.8317871 503.3505554		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) I		19361	12689	667
110 8 8 110 1111 1100 1100 1100 1100 11	6	200 200 150.2 150.2 150.2 150.2 150 150	REP1 REP1 REP1 REP1 REP1 REP1	BDNF BDNF		OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		21528	5807	1572
100 110 110 110 110 110 110 110 110 110	6	200 150.2 150.2 150.2 150.2 150.2 150 150	REP1 REP1 REP1 REP1 REP1	BDNF		OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	AM	20963	7297	1366
07 2 2 007 4 4 7 7 7 8 8 7 7 7 8 8 7 7 7 1 1 1 1 1 1 1	6	150.2 150.2 150.2 150.2 150.2 150 150	REP1 REP1 REP1 REP1		1035.681763		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) I		20128	11782	834
07 4 07 8 07 10 07 2 07 4 07 8 07 4 07 8 07 10 01 2 01 4 01 8 01 10 04 2 04 4 04 8 04 8	6	150.2 150.2 150.2 150 150 150	REP1 REP1 REP1		1779.52002	OK	DQ DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19343 19548	15081 3613	426 1593
07 8 07 10 07 2 07 4 07 8 07 10 07 8 07 10 01 2 01 4 01 8 01 10 04 2 04 4 04 8	6	150.2 150.2 150 150	REP1 REP1	BDNF BDNF	240.4176788 402.3980713		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) If ddPCR Supermix for Probes (No dUTP) If		20502	5939	1456
07 2 07 4 07 8 07 10 01 2 01 4 01 8 01 10 04 2 04 4 04 8 04 10	6	150 150 150		BDNF	840.1790161		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) I		20639	10534	1010
07 4 07 8 07 10 01 2 01 4 01 8 01 10 04 2 04 4 04 8 04 10	6	150 150	DED1	BDNF	1465.478027	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	AM	20191	14381	581
07 8 07 10 01 2 01 4 01 8 01 10 04 2 04 4 04 8 04 10	6	150	REP1	BDNF	239.6851807	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	AM	20790	3832	1695
07 100 1 2 001 4 001 8 001 1004 2 004 4 004 8 004 1004 1004 1004 1004 100	6		REP1		413.0661316		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20389	6037	1435
01 2 01 4 01 8 01 10 04 2 04 4 04 8 04 10			REP1		836.7145996		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20505	10436	1006
01 4 01 8 01 10 04 2 04 4 04 8 04 10		100.2	REP1	BDNF BDNF	1446.222656 130.6248779		DQ DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) If ddPCR Supermix for Probes (No dUTP) If		19641 19355	13896 2034	574. 1732
01 8 01 10 04 2 04 4 04 8 04 10		100.2	REP1		265.9398499		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F		19820	4010	1732
01 10 04 2 04 4 04 8 04 10		100.2	REP1		564.5903931		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18255	6958	1129
04 4 04 8 04 10		100.2	REP1	BDNF	1269.457153	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19528	12890	663
04 8 04 10		50.2	REP1	BDNF		OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19957	1595	1836
04 10		50.2	REP1	BDNF	180.1403809		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F		20997	2981	1801
		50.2 50.2	REP1	BDNF BDNF	382.8408813 606.4475708		DQ DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) I ddPCR Supermix for Probes (No dUTP) I		20128 19308	5591 7777	1453 1153
04 2		50.2	REP1		99.47064209		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F		20031	1624	1840
04 4		50	REP1		175.9420166		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20388	2832	1755
04 8		50	REP1	BDNF	381.4729919	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	AM	20626	5712	1491
04 10		50	REP1		590.8175659		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19843	7834	1200
02 2		RS RS	REP2		123.2781067		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20315	2021	1829
02 4		RS	REP2 REP2		282.6411133 632.5710449		DQ DQ	Unknown	Unknown Unknown	ddPCR Supermix for Probes (No dUTP) If ddPCR Supermix for Probes (No dUTP) If		19816 19382	4232 8061	1558 1132
02 1		RS	REP2		1198.491821		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19177	12253	692
11 2		200	REP2			OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		21178	4386	1679
11 4		200	REP2	BDNF	482.1478271	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	AM	21604	7264	1434
11 8		200	REP2		914.5630493		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		21292	11506	978
11 10		200	REP2		1931.075928		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19256	15526	373
08 2 08 4		150.2 150.2	REP2 REP2	BDNF BDNF	238.8732147 392.708313	OK	DQ DQ	Unknown	Unknown Unknown	ddPCR Supermix for Probes (No dUTP) If ddPCR Supermix for Probes (No dUTP) If		19232 21543	3534 6114	1569 1542
08 8		150.2	REP2		792.859375	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) I		20822	10209	1061
08 10		150.2	REP2		1433.126343		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) I		20448	14400	604
08 2		150	REP2	BDNF	242.5851288	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	AM	20523	3824	1669
08 4		150	REP2		366.0437927		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20648	5521	1512
08 8		150	REP2		765.4019165		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20610	9857	1075
08 10		150 100.2	REP2 REP2	BDNF BDNF	1423.313721 117.3526306		DQ DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) If ddPCR Supermix for Probes (No dUTP) If		19450 20972	13649 1991	580 1898
02 2		100.2	REP2		275.8955688		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) I		19972	4175	1579
02 8		100.2	REP2		621.1397705		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18513	7594	1091
02 10	6	100.2	REP2	BDNF	1177.178711	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	AM	20005	12650	735
05 2		50.2	REP2		87.07595825		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19764	1410	1835
05 4		50.2	REP2		151.9986115		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		21353	2588	1876
05 8 05 10		50.2 50.2	REP2 REP2	BDNF BDNF	324.9608765 537.3410034		DQ DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) If ddPCR Supermix for Probes (No dUTP) If		19859 19847	4793 7277	1506 1257
05 2		50.2	REP2	BDNF		OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) I		20333	1433	1890
05 4		50	REP2		159.8617554		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20440	2597	1784
05 8		50	REP2	BDNF	310.8562622	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19819	4602	1521
05 10		50	REP2	BDNF	523.4338989		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19400	6967	1243
03 2		RS	REP3		134.8996429		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20852	2259	1859
03 4 03 8		RS RS	REP3		309.430542 722.7357178	OK	DQ DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F ddPCR Supermix for Probes (No dUTP) F		20569 19229	4757 8826	1581 1040
03 1		RS	REP3	BDNF	1338.896484		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F		19229	13299	627
12 2		200	REP3	BDNF	280.2830811		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) I		21440	4545	1689
12 4		200	REP3	BDNF	483.2579346		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20510	6909	1360
12 8		200	REP3		919.8685303		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19937	10815	912
12 10		200	REP3	BDNF	1842.969238		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F		19864	15717	414 1654
09 2 09 4		150.2 150.2	REP3	BDNF BDNF	219.3691254 392.1303101		DQ DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) If ddPCR Supermix for Probes (No dUTP) If		19934 21538	3391 6105	1654 1543
09 4		150.2	REP3		762.0933228		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F		20921	9975	1094
09 10		150.2	REP3	BDNF	1415.068726		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20313	14212	610
09 2		150	REP3		224.0620117	ОК	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	AM	20696	3589	1710
09 4		150	REP3		376.1473083		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F		20855	5707	1514
09 8		150	REP3		756.6038818		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20816	9874	1094
09 10		150 100.2	REP3	BDNF BDNF	1392.316528 141.6658478		DQ DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) If ddPCR Supermix for Probes (No dUTP) If		19261 19348	13363 2195	589 1715
03 4		100.2	REP3	BDNF	309.0543518		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F		20790	4803	1598
03 8		100.2	REP3		736.5704346		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19737	9184	1055
03 10		100.2	REP3	BDNF	1403.869507		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20203	14077	612
06 2		50.2	REP3	BDNF	69.65585327		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20978	1206	1977
06 4		50.2	REP3	BDNF	123.5937729		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F		20707	2065	1864
06 8		50.2	REP3		268.9034119		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F		20981	4287	1669
06 10 06 2		50.2	REP3 REP3	BDNF BDNF	486.1256714 72.16507721		DQ DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) If ddPCR Supermix for Probes (No dUTP) If		20099 21665	6803 1289	1329
06 4		50	REP3		132.0900574		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F		20329	2159	1817
06 8		50	REP3		261.3279724		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) I		20930	4169	1676
06 10		50	REP3	BDNF	483.8331604		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19476	6567	1290
	ITC			BDNF	No Call	CHECK		Unknown	Unknown	ddPCR Supermix for Probes (no dUTP)		21291	0	2129
	ITC			BDNF	0.340020388		DQ	Unknown	Unknown	ddPCR Supermix for Probes (no dUTP)		20763	6	2075
	ITC IC			BDNF	No Call	CHECK		Unknown	Unknown	ddPCR Supermix for Probes (no dUTP)		21116	1/033	2111
10 Po				BDNF BDNF	1563.026733 1458.765747		DQ DQ	Unknown	Unknown Unknown	ddPCR Supermix for Probes (no dUTP) If ddPCR Supermix for Probes (no dUTP) If		20313 19582	14933 13915	538
12 P					1504.456665		DQ	Unknown	Unknown	ddPCR Supermix for Probes (no dUTP) If		19833	14312	552