

# **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-RFHISSO Astellas BQT Infectivity PLA Script Version 0.1 JMP Version 18.1.0	
Analyst Signature/Date	_
Approver Signature/Date	_

**Astellas KT430 Infectivity Files** 

First Data File Second Data File
18OCT2024\_Plate01\_KL-S3 18OCT2024\_Plate01\_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	1.797e+10	19656.5	359645621.8	2.0013493063	1.6e+1	1.2041199827	10.254551883	3.508 Pass	0.907 Ok
50% L01-240910_1	14	2	1.130e+10	20631	235053015.22	2.0794349286	8e+0	0.903089987	10.053220492	4.319 Pass	2.695 Ok
50% L01-240910_1	15	2	5.246e+9	20620.5	325698869.5	6.2090657061	4e+0	0.6020599913	9.7197899954	2.437 Pass	1.122 Ok
50% L01-240910_1	16	2	2.863e+9	20059	133535135.16	4.6637199832	2e+0	0.3010299957	9.4568630835	2.669 Pass	1.503 Ok
50% L01-240910_1	17	2	1.555e+10	19717.5	489935793.6	3.1497867731	1.6e+1	1.2041199827	10.191858014	0.233 Pass	-0.493 Ok
50% L01-240910_1	18	2	8.920e+9	19954.5	145520323.79	1.6314329748	8e+0	0.903089987	9.9503544163	0.309 Pass	0.207 Ok
50% L01-240910_1	19	2	4.446e+9	20536.5	22592759.573	0.5081526529	4e+0	0.6020599913	9.6479750835	0.071 Pass	-0.371 Ok
50% L01-240910_1	20	2	2.457e+9	20746.5	3583547.517	0.1458313452	2e+0	0.3010299957	9.3904622856	0.115 Pass	-0.038 Ok
50% L01-240910_1	21	2	1.433e+10	18854	691328511.13	4.8227318281	1.6e+1	1.2041199827	10.156391355	1.421 Pass	-1.326 Ok
50% L01-240910_1	22	2	7.986e+9	19410.5	272371628.48	3.410460901	8e+0	0.903089987	9.9023487925	1.261 Pass	-0.779 Ok
50% L01-240910_1	23	2	3.792e+9	19610	17206271.137	0.4537112028	4e+0	0.6020599913	9.5789072595	1.863 Pass	-1.937 Ok
50% L01-240910_1	24	2	2.165e+9	19152	13728570.717	0.6341816577	2e+0	0.3010299957	9.3354116483	1.726 Pass	-1.302 Ok
Ref.Std (L01-240910)	1	2	3.467e+10	18613.5	587669438.42	1.6949040913	1.6e+1	1.2041199827	10.539987978	1.175 Pass	-0.944 Ok
Ref.Std (L01-240910)	2	2	1.622e+10	19311.5	463230896.97	2.8555810473	8e+0	0.903089987	10.210103028	2.499 Pass	-0.832 Ok
Ref.Std (L01-240910)	3	2	7.657e+9	19803.5	231970536.3	3.0296105469	4e+0	0.6020599913	9.8840460225	3.606 Pass	-0.714 Ok
Ref.Std (L01-240910)	4	2	3.761e+9	19680.5	94431706.818	2.5108464532	2e+0	0.3010299957	9.5752976845	0.366 Pass	-0.262 Ok
Ref.Std (L01-240910)	5	2	3.614e+10	19200	2238782751.2	6.1939800559	1.6e+1	1.2041199827	10.55804215	0.356 Pass	-0.530 Ok
Ref.Std (L01-240910)	6	2	1.892e+10	19002.5	282808622.15	1.4950841497	8e+0	0.903089987	10.276827009	0.083 Pass	0.540 Ok
Ref.Std (L01-240910)	7	2	8.450e+9	18863	81272179.859	0.96178488	4e+0	0.6020599913	9.9268639631	0.243 Pass	0.164 Ok
Ref.Std (L01-240910)	8	2	3.695e+9	18885.5	10054551.433	0.2720908438	2e+0	0.3010299957	9.5676487726	1.157 Pass	-0.432 Ok
Ref.Std (L01-240910)	9	2	4.060e+10	18942	2841771707.6	7.0001149946	1.6e+1	1.2041199827	10.608484012	4.985 Pass	0.587 Ok
Ref.Std (L01-240910)	10	2	2.104e+10	20346	443443222.92	2.1074118715	8e+0	0.903089987	10.3230886	1.823 Pass	1.566 Ok
Ref.Std (L01-240910)	11	2	8.837e+9	20066	112974810.7	1.2784101859	4e+0	0.6020599913	9.9463114	1.397 Pass	0.562 Ok
Ref.Std (L01-240910)	12	2	3.968e+9	20399	132165288.52	3.3311430456	2e+0	0.3010299957	9.5985241259	5.157 Pass	0.249 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

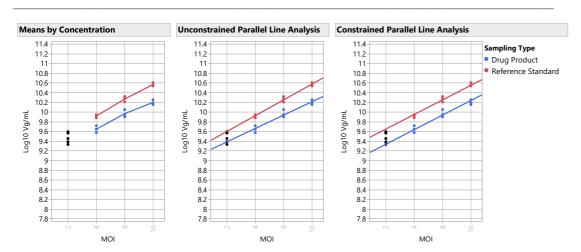
#### 50% L01-240910\_1 Test Sample & Reference Standard Summary Statistics

				Std
Group	MOI	N Rows	Mean(Vg/mL)	Dev(Vg/mL)
Ref.Std (L01-240910)	2e+0	3	3.81e+9	1.42e+8
Ref.Std (L01-240910)	4e+0	3	8.31e+9	6.02e+8
Ref.Std (L01-240910)	8e+0	3	1.9e+10	2.42e+9
Ref.Std (L01-240910)	1.6e+1	3	3.7e+10	3.08e+9
50% L01-240910_1	2e+0	3	2.5e+9	3.51e+8
50% L01-240910_1	4e+0	3	4.49e+9	7.28e+8
50% L01-240910_1	8e+0	3	9.4e+9	1.71e+9
50% L01-240910 1	1.6e+1	3	1.6e+10	1.85e+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	0.850	5.806	0.973	0.055	Parallel and Linear	Model 2, Low Standard and Test Doses Exclude
Model 3, High Standard and Test Doses Excluded	0.833	3.064	0.974	0.054	Parallel and Linear	
Model 1, All Doses	0.826	1.923	0.984	0.051	Parallel and Linear	
Model 8, Standard Low Dose and Test High Dose Excluded	0.884	0.797	0.984	0.056	Parallel and Linear	
Model 7, Test High Dose Only Excluded	0.866	0.938	0.985	0.051	Parallel and Linear	
Model 4, Standard Low Dose Only Excluded	0.843	2.128	0.982	0.054	Parallel and Linear	
Model 6, Test Low Dose Only Excluded	0.832	3.632	0.981	0.051	Parallel and Linear	
Model 9, Standard High Dose and Test Low Dose Excluded	0.801	4.537	0.967	0.053	Parallel and Linear	
Model 5, Standard High Dose Only Excluded	0.795	0.948	0.976	0.053	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		33329827388	Passed Validity Criteria	
% Relative Infectivity Delta (Constrained - Unconstrained)		15	0.233	Passed Validity Criteria	
Parallelism Slope Ratio	0.7	1.4	0.850	Passed Validity Criteria	
Linearity Ratio		26.3	5.806	Passed Validity Criteria	
Unconstrained EC50 Standard	0.04	61.8	3.120	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	of Tolerance Check	OOS Validity
5.57	11.48	48.6	0	0	48.6	53.6	43.5	150	50	10.1	10.1 Bioassay Res	ults are Reportable	Assay is Valid and OOS
		Rela	ative										
Unconstrained	RI Constrained	RI Infectivity D	Pelta										
48	3.3 48	3.6	0.2										
Infectious	Infectious Parti	cle Infectious P	article										
Particle Ratio	Ratio Lower Lir	nit Ratio Uppe	r Limit										
1.0	(	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	4.333e+10	19449.5	1415326191.4	3.2663094426	1.6e+1	1.2041199827	10.636799217	2.752 Pass	0.227 Ok
150% L01-240910_1	26	2	2.527e+10	19744	642816777.6	2.5434988531	8e+0	0.903089987	10.402655657	13.343 Pass	1.472 Ok
150% L01-240910_1	27	2	1.199e+10	19708.5	370403067.43	3.0902382741	4e+0	0.6020599913	10.078682607	7.469 Pass	-0.323 Ok
150% L01-240910_1	28	2	7.037e+9	20511	40166095.497	0.5707730578	2e+0	0.3010299957	9.8473961516	0.935 Pass	1.067 Ok
150% L01-240910_1	29	2	4.278e+10	19064	380998669.04	0.8906886483	1.6e+1	1.2041199827	10.631197541	0.129 Pass	0.030 Ok
150% L01-240910_1	30	2	2.291e+10	19624.5	1437202301	6.2733021375	8e+0	0.903089987	10.360021699	0.565 Pass	0.017 Ok
150% L01-240910_1	31	2	1.109e+10	20716	889172320.19	8.0163895138	4e+0	0.6020599913	10.045007123	1.003 Pass	-1.490 Ok
150% L01-240910_1	32	2	6.959e+9	19792	77086896.492	1.1077457191	2e+0	0.3010299957	9.842540481	0.511 Pass	0.884 Ok
150% L01-240910_1	33	2	4.239e+10	18382	931314530.59	2.1969287211	1.6e+1	1.2041199827	10.627280412	1.685 Pass	-0.107 Ok
150% L01-240910_1	34	2	2.265e+10	19918.5	228694495.38	1.0098965802	8e+0	0.903089987	10.35497881	0.865 Pass	-0.146 Ok
150% L01-240910_1	35	2	1.125e+10	20499	114153032.32	1.0149997396	4e+0	0.6020599913	10.051021522	0.463 Pass	-1.266 Ok
150% L01-240910_1	36	2	6.474e+9	19781.5	69066883.248	1.0668379646	2e+0	0.3010299957	9.8111713961	9.472 Pass	-0.232 Ok
Ref.Std (L01-240910)	1	2	3.467e+10	18613.5	587669438.42	1.6949040913	1.6e+1	1.2041199827	10.539987978	1.175 Pass	-1.563 Ok
Ref.Std (L01-240910)	2	2	1.622e+10	19311.5	463230896.97	2.8555810473	8e+0	0.903089987	10.210103028	2.499 Pass	-1.365 Ok
Ref.Std (L01-240910)	3	2	7.657e+9	19803.5	231970536.3	3.0296105469	4e+0	0.6020599913	9.8840460225	3.606 Pass	-1.162 Ok
Ref.Std (L01-240910)	4	2	3.761e+9	19680.5	94431706.818	2.5108464532	2e+0	0.3010299957	9.5752976845	0.366 Pass	-0.419 Ok
Ref.Std (L01-240910)	5	2	3.614e+10	19200	2238782751.2	6.1939800559	1.6e+1	1.2041199827	10.55804215	0.356 Pass	-0.855 Ok
Ref.Std (L01-240910)	6	2	1.892e+10	19002.5	282808622.15	1.4950841497	8e+0	0.903089987	10.276827009	0.083 Pass	0.871 Ok
Ref.Std (L01-240910)	7	2	8.450e+9	18863	81272179.859	0.96178488	4e+0	0.6020599913	9.9268639631	0.243 Pass	0.261 Ok
Ref.Std (L01-240910)	8	2	3.695e+9	18885.5	10054551.433	0.2720908438	2e+0	0.3010299957	9.5676487726	1.157 Pass	-0.693 Ok
Ref.Std (L01-240910)	9	2	4.060e+10	18942	2841771707.6	7.0001149946	1.6e+1	1.2041199827	10.608484012	4.985 Pass	0.949 Ok
Ref.Std (L01-240910)	10	2	2.104e+10	20346	443443222.92	2.1074118715	8e+0	0.903089987	10.3230886	1.823 Pass	2.789 Ok
Ref.Std (L01-240910)	11	2	8.837e+9	20066	112974810.7	1.2784101859	4e+0	0.6020599913	9.9463114	1.397 Pass	0.908 Ok
Ref.Std (L01-240910)	12	2	3.968e+9	20399	132165288.52	3.3311430456	2e+0	0.3010299957	9.5985241259	5.157 Pass	0.398 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

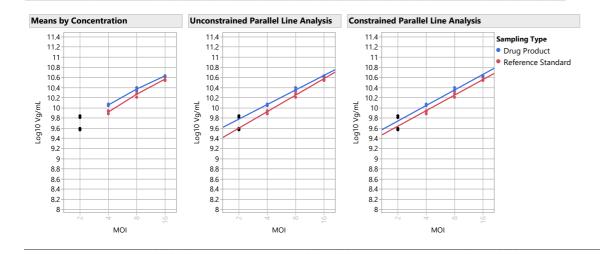
### 150% L01-240910\_1 Test Sample & Reference Standard Summary Statistics

				Std
Group	MOI	N Rows	Mean(Vg/mL)	Dev(Vg/mL)
Ref.Std (L01-240910)	2e+0	3	3.81e+9	1.42e+8
Ref.Std (L01-240910)	4e+0	3	8.31e+9	6.02e+8
Ref.Std (L01-240910)	8e+0	3	1.9e+10	2.42e+9
Ref.Std (L01-240910)	1.6e+1	3	3.7e+10	3.08e+9
150% L01-240910_1	2e+0	3	6.82e+9	3.05e+8
150% L01-240910_1	4e+0	3	1.1e+10	4.78e+8
150% L01-240910_1	8e+0	3	2.4e+10	1.45e+9
150% L01-240910_1	1.6e+1	3	4.3e+10	4.72e+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	0.883	4.382	0.987	0.034	Parallel and Linear	Model 2, Low Standard and Test Doses Excluded
Model 1, All Doses	0.817	0.158	0.993	0.032	Parallel and Linear	
Model 3, High Standard and Test Doses Excluded	0.781	4.157	0.988	0.034	Parallel and Linear	
Model 6, Test Low Dose Only Excluded	0.865	3.013	0.993	0.032	Parallel and Linear	
Model 4, Standard Low Dose Only Excluded	0.834	0.935	0.989	0.034	Parallel and Linear	
Model 9, Standard High Dose and Test Low Dose Excluded	0.832	2.539	0.994	0.030	Parallel and Linear	
Model 8, Standard Low Dose and Test High Dose Excluded	0.829	2.378	0.984	0.037	Parallel and Linear	
Model 7, Test High Dose Only Excluded	0.813	0.526	0.990	0.034	Parallel and Linear	
Model 5, Standard High Dose Only Excluded	0.786	2.021	0.993	0.031	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		33329827388	Passed Validity Criteria	
% Relative Infectivity Delta (Constrained - Unconstrained)		15	0.113	Passed Validity Criteria	
Parallelism Slope Ratio	0.7	1.4	0.883	Passed Validity Criteria	
Linearity Ratio		26.3	4.382	Passed Validity Criteria	
Unconstrained EC50 Standard	0.04	61.8	3.120	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
8.98	7.13	125.9	0	0	125.9	133.7	118.6	150	50	15.1	15.1	Bioassay Results are Reportable	Assay is Valid and Within Lim
		Rela	itive										
Unconstrained F	RI Constrained	RI Infectivity D	elta										
126.	.0 125	.9	0.1										
Infectious	Infectious Partic	le Infectious P	article										
Particle Ratio	Ratio Lower Lim	nit Ratio Uppe	r Limit										
2.6	0	.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	5.233e+10	18878	3273703267.4	6.2557892386	1.6e+1	1.2041199827	10.718757203	1.072 Pass	0.105	Ok
200% L01-240910	38	2	3.009e+10	18845.5	740491509.11	2.4607466152	8e+0	0.903089987	10.478453187	4.857 Pass	0.769	Ok
200% L01-240910	39	2	1.408e+10	20251	818244555.34	5.809870213	4e+0	0.6020599913	10.148716693	1.385 Pass	-0.719	Ok
200% L01-240910	40	2	1.053e+10	20253.5	125817445.28	1.1943429664	2e+0	0.3010299957	10.022611806	50.409 Pass	3.861	Ok
200% L01-240910	41	2	5.709e+10	18423.5	293737605.16	0.5145218197	1.6e+1	1.2041199827	10.756555753	6.187 Pass	1.114	Ok
200% L01-240910	42	2	2.693e+10	20411.5	185825277.73	0.6899810404	8e+0	0.903089987	10.430267633	0.348 Pass	-0.390	Ok
200% L01-240910	43	2	1.372e+10	20586.5	612192672.69	4.4622681989	4e+0	0.6020599913	10.137332458	0.249 Pass	-1.006	Ok
200% L01-240910	44	2	8.036e+9	19101.5	405078446.6	5.0406160629	2e+0	0.3010299957	9.9050555168	0.668 Pass	-0.139	Ok
200% L01-240910	45	2	5.331e+10	19763	1654979461.6	3.1046232995	1.6e+1	1.2041199827	10.726783696	0.417 Pass	0.313	Ok
200% L01-240910	46	2	2.585e+10	20229.5	2807020.1741	0.0108568237	8e+0	0.903089987	10.412542748	1.189 Pass	-0.825	Ok
200% L01-240910	47	2	1.296e+10	19746.5	194907960.04	1.5039726731	4e+0	0.6020599913	10.112589631	3.656 Pass	-1.681	Ok
200% L01-240910	48	2	7.965e+9	19460	83629922.415	1.0499404243	2e+0	0.3010299957	9.9011970368	0.747 Pass	-0.239	Ok
Ref.Std (L01-240910)	1	2	3.467e+10	18613.5	587669438.42	1.6949040913	1.6e+1	1.2041199827	10.539987978	1.175 Pass	-1.118	Ok
Ref.Std (L01-240910)	2	2	1.622e+10	19311.5	463230896.97	2.8555810473	8e+0	0.903089987	10.210103028	2.499 Pass	-0.983	Ok
Ref.Std (L01-240910)	3	2	7.657e+9	19803.5	231970536.3	3.0296105469	4e+0	0.6020599913	9.8840460225	3.606 Pass	-0.842	Ok
Ref.Std (L01-240910)	4	2	3.761e+9	19680.5	94431706.818	2.5108464532	2e+0	0.3010299957	9.5752976845	0.366 Pass	-0.308	Ok
Ref.Std (L01-240910)	5	2	3.614e+10	19200	2238782751.2	6.1939800559	1.6e+1	1.2041199827	10.55804215	0.356 Pass	-0.624	Ok
Ref.Std (L01-240910)	6	2	1.892e+10	19002.5	282808622.15	1.4950841497	8e+0	0.903089987	10.276827009	0.083 Pass	0.635	Ok
Ref.Std (L01-240910)	7	2	8.450e+9	18863	81272179.859	0.96178488	4e+0	0.6020599913	9.9268639631	0.243 Pass	0.192	Ok
Ref.Std (L01-240910)	8	2	3.695e+9	18885.5	10054551.433	0.2720908438	2e+0	0.3010299957	9.5676487726	1.157 Pass	-0.507	Ok
Ref.Std (L01-240910)	9	2	4.060e+10	18942	2841771707.6	7.0001149946	1.6e+1	1.2041199827	10.608484012	4.985 Pass	0.691	Ok
Ref.Std (L01-240910)	10	2	2.104e+10	20346	443443222.92	2.1074118715	8e+0	0.903089987	10.3230886	1.823 Pass	1.883	Ok
Ref.Std (L01-240910)	11	2	8.837e+9	20066	112974810.7	1.2784101859	4e+0	0.6020599913	9.9463114	1.397 Pass	0.662	Ok
Ref.Std (L01-240910)	12	2	3.968e+9	20399	132165288.52	3.3311430456	2e+0	0.3010299957	9.5985241259	5.157 Pass	0.292	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

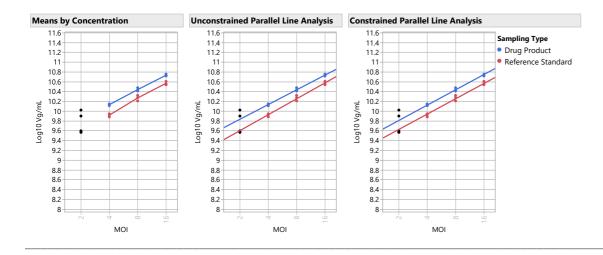
## 200% L01-240910 Test Sample & Reference Standard Summary Statistics

				Std
Group	MOI	N Rows	Mean(Vg/mL)	Dev(Vg/mL)
Ref.Std (L01-240910)	2e+0	3	3.81e+9	1.42e+8
Ref.Std (L01-240910)	4e+0	3	8.31e+9	6.02e+8
Ref.Std (L01-240910)	8e+0	3	1.9e+10	2.42e+9
Ref.Std (L01-240910)	1.6e+1	3	3.7e+10	3.08e+9
200% L01-240910	2e+0	3	8.85e+9	1.46e+9
200% L01-240910	4e+0	3	1.4e+10	5.74e+8
200% L01-240910	8e+0	3	2.8e+10	2.2e+9
200% L01-240910	1.6e+1	3	5.4e+10	2.51e+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	0.925	2.639	0.988	0.034	Parallel and Linear	Model 2, Low Standard and Test Doses Excluded
Model 1, All Doses	0.808	1.999	0.988	0.043	Parallel and Linear	
Model 3, High Standard and Test Doses Excluded	0.721	5.475	0.980	0.045	Parallel and Linear	
Model 6, Test Low Dose Only Excluded	0.906	2.252	0.994	0.032	Parallel and Linear	
Model 9, Standard High Dose and Test Low Dose Excluded	0.872	0.092	0.995	0.030	Parallel and Linear	
Model 4, Standard Low Dose Only Excluded	0.825	4.700	0.979	0.046	Parallel and Linear	
Model 5, Standard High Dose Only Excluded	0.778	5.624	0.987	0.044	Parallel and Linear	
Model 8, Standard Low Dose and Test High Dose Excluded	0.766	4.283	0.970	0.048	Parallel and Linear	
Model 7, Test High Dose Only Excluded	0.750	0.030	0.984	0.044	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 Vali
Reference Standard Curve Depth	2720000000		33329827388	Passed Validity Criteria	
% Relative Infectivity Delta (Constrained - Unconstrained)		15	0.092	Passed Validity Criteria	
Parallelism Slope Ratio	0.7	1.4	0.925	Passed Validity Criteria	
Linearity Ratio		26.3	2.639	Passed Validity Criteria	
Unconstrained EC50 Standard	0.04	61.8	3.120	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 R	Range % of Tolerance Check	OOS Validity
9.80	6.53	150.1	0	0	150.1	158.9	142.0	150	50	17.0	17.0 Bioa	assay Results are Reportable	Assay is Valid and
		Rela											
Unconstrained	RI Constrained F	RI Infectivity D	elta										
150	0.2 150.	1	0.1										
Infectious	Infectious Particl	e Infectious P	article										
Particle Ratio	Ratio Lower Lim	it Ratio Uppe	r Limit										
3.1	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	3.584e+10	18158.5	513669225.3	1.4330867287	1.6e+1	1.2041199827	10.554411073	1.078 Pass	-1.158 Ok
100% L01-240910	50	2	1.644e+10	18226.5	20350893.08	0.1237600509	8e+0	0.903089987	10.216002993	2.888 Pass	-1.099 Ok
100% L01-240910	51	2	7.608e+9	19725	256471113.81	3.3709586709	4e+0	0.6020599913	9.8812850299	2.601 Pass	-1.015 Ok
100% L01-240910	52	2	3.716e+9	17735.5	289685040.08	7.7950422058	2e+0	0.3010299957	9.570107597	0.049 Pass	-0.226 Ok
100% L01-240910	53	2	3.690e+10	19450	1728233892.7	4.6832199996	1.6e+1	1.2041199827	10.567057958	0.413 Pass	-0.720 Ok
100% L01-240910	54	2	1.888e+10	18863.5	258789690.42	1.3710651781	8e+0	0.903089987	10.27588887	0.151 Pass	0.732 Ok
100% L01-240910	55	2	8.320e+9	18746	56525600.254	0.6793927511	4e+0	0.6020599913	9.9201242741	0.102 Pass	0.171 Ok
100% L01-240910	56	2	3.593e+9	12685.5			2e+0	0.3010299957	9.5554301725	1.940 Pass	-0.709 Ok
100% L01-240910	57	2	4.094e+10	18744	1870104954.7	4.5675232426	1.6e+1	1.2041199827	10.612185215	6.103 Pass	0.761 Ok
100% L01-240910	58	2	2.045e+10	20813.5	573367617.57	2.8035032798	8e+0	0.903089987	10.310732093	1.624 Pass	1.927 Ok
100% L01-240910	59	2	8.852e+9	19702.5	137595150.53	1.5544659683	4e+0	0.6020599913	9.9470219092	1.763 Pass	0.999 Ok
100% L01-240910	60	2	3.858e+9	19416	144262472.04	3.7393203403	2e+0	0.3010299957	9.586360698	2.330 Pass	0.301 Ok
Ref.Std (L01-240910)	1	2	3.467e+10	18613.5	587669438.42	1.6949040913	1.6e+1	1.2041199827	10.539987978	1.175 Pass	-1.430 Ok
Ref.Std (L01-240910)	2	2	1.622e+10	19311.5	463230896.97	2.8555810473	8e+0	0.903089987	10.210103028	2.499 Pass	-1.252 Ok
Ref.Std (L01-240910)	3	2	7.657e+9	19803.5	231970536.3	3.0296105469	4e+0	0.6020599913	9.8840460225	3.606 Pass	-1.068 Ok
Ref.Std (L01-240910)	4	2	3.761e+9	19680.5	94431706.818	2.5108464532	2e+0	0.3010299957	9.5752976845	0.366 Pass	-0.387 Ok
Ref.Std (L01-240910)	5	2	3.614e+10	19200	2238782751.2	6.1939800559	1.6e+1	1.2041199827	10.55804215	0.356 Pass	-0.787 Ok
Ref.Std (L01-240910)	6	2	1.892e+10	19002.5	282808622.15	1.4950841497	8e+0	0.903089987	10.276827009	0.083 Pass	0.802 Ok
Ref.Std (L01-240910)	7	2	8.450e+9	18863	81272179.859	0.96178488	4e+0	0.6020599913	9.9268639631	0.243 Pass	0.241 Ok
Ref.Std (L01-240910)	8	2	3.695e+9	18885.5	10054551.433	0.2720908438	2e+0	0.3010299957	9.5676487726	1.157 Pass	-0.639 Ok
Ref.Std (L01-240910)	9	2	4.060e+10	18942	2841771707.6	7.0001149946	1.6e+1	1.2041199827	10.608484012	4.985 Pass	0.874 Ok
Ref.Std (L01-240910)	10	2	2.104e+10	20346	443443222.92	2.1074118715	8e+0	0.903089987	10.3230886	1.823 Pass	2.502 Ok
Ref.Std (L01-240910)	11	2	8.837e+9	20066	112974810.7	1.2784101859	4e+0	0.6020599913	9.9463114	1.397 Pass	0.836 Ok
Ref.Std (L01-240910)	12	2	3.968e+9	20399	132165288.52	3.3311430456	2e+0	0.3010299957	9.5985241259	5.157 Pass	0.367 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

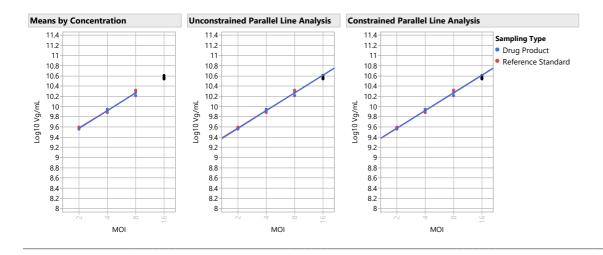
## 100% L01-240910 Test Sample & Reference Standard Summary Statistics

				Std
Group	MOI	N Rows	Mean(Vg/mL)	Dev(Vg/mL)
Ref.Std (L01-240910)	2e+0	3	3.81e+9	1.42e+8
Ref.Std (L01-240910)	4e+0	3	8.31e+9	6.02e+8
Ref.Std (L01-240910)	8e+0	3	1.9e+10	2.42e+9
Ref.Std (L01-240910)	1.6e+1	3	3.7e+10	3.08e+9
100% L01-240910	2e+0	3	3.72e+9	1.33e+8
100% L01-240910	4e+0	3	8.26e+9	6.24e+8
100% L01-240910	8e+0	3	1.9e+10	2.02e+9
100% L01-240910	1.6e+1	3	3.8e+10	2.69e+9

#### 100% L01-240910 Model Selection

	Parallelism	Linearity			Validity	
Model	Slope Ratio	Ratio	R2	RMSE	Evaluation	Selected Model
Model 3, High Standard and Test Doses Excluded	1.011	0.658	0.989	0.034	Parallel and Linear	Model 3, High Standard and Test Doses Excluded
Model 1, All Doses	1.017	2.100	0.993	0.034	Parallel and Linear	
Model 2, Low Standard and Test Doses Excluded	1.018	3.551	0.983	0.039	Parallel and Linear	
Model 6, Test Low Dose Only Excluded	0.998	2.586	0.991	0.037	Parallel and Linear	
Model 5, Standard High Dose Only Excluded	0.978	1.465	0.992	0.034	Parallel and Linear	
Model 4, Standard Low Dose Only Excluded	1.038	2.544	0.991	0.037	Parallel and Linear	
Model 9, Standard High Dose and Test Low Dose Excluded	0.960	1.593	0.990	0.036	Parallel and Linear	
Model 7, Test High Dose Only Excluded	1.051	1.789	0.992	0.035	Parallel and Linear	
Model 8, Standard Low Dose and Test High Dose Excluded	1.073	2.574	0.990	0.037	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		33329827388	Passed Validity Criteria	
% Relative Infectivity Delta (Constrained - Unconstrained)		15	0.000	Passed Validity Criteria	
Parallelism Slope Ratio	0.7	1.4	1.011	Passed Validity Criteria	
Linearity Ratio		26.3	0.658	Passed Validity Criteria	
Unconstrained EC50 Standard	0.04	61.8	3.120	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
3.98	4.02	99.0	0	0	99.0	103.8	94.4	150	50	9.3	9.3 Bioassay Results are Reportable Assay is Valid and Within Limi
		Rela	tive								
Unconstrained	RI Constrained	RI Infectivity D	elta								
99	.0 99	0.0	0.0								
Infectious	Infectious Partic	le Infectious P	article								
Particle Ratio	Ratio Lower Lin	nit Ratio Uppe	r Limit								
1.9	(	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 Grou
50% L01-240910_2	61	2	1.807e+10	18507	67065519.327	0.371135865	1.6e+1	1.2041199827	10.256966367	3.436 Pass	0.879 Ok
50% L01-240910_2	62	2	1.102e+10	19613.5	190120617.32	1.7258574881	8e+0	0.903089987	10.042024285	2.575 Pass	2.469 Ok
50% L01-240910_2	63	2	5.159e+9	19546	199264473.2	3.8622715539	4e+0	0.6020599913	9.7125870699	2.102 Pass	1.105 Ok
50% L01-240910_2	64	2	2.761e+9	19386.5	142914635.79	5.1765314071	2e+0	0.3010299957	9.4410378536	2.485 Pass	1.391 Ok
50% L01-240910_2	65	2	1.586e+10	19528	426059891.54	2.6857978728	1.6e+1	1.2041199827	10.200397327	0.224 Pass	-0.441 Ok
50% L01-240910_2	66	2	9.172e+9	19640	381089296.09	4.1548290727	8e+0	0.903089987	9.9624735888	0.098 Pass	0.463 Ok
50% L01-240910_2	67	2	4.472e+9	20154	205743731.17	4.6005207441	4e+0	0.6020599913	9.6505196182	0.005 Pass	-0.246 Ok
50% L01-240910_2	68	2	2.420e+9	19772	116728454.59	4.8244854223	2e+0	0.3010299957	9.3837257373	0.080 Pass	0.007 Ok
50% L01-240910_2	69	2	1.472e+10	19282.5	392975759.31	2.6697350163	1.6e+1	1.2041199827	10.167897604	1.440 Pass	-1.233 Ok
50% L01-240910_2	70	2	7.776e+9	19753.5	311276312.65	4.0030128902	8e+0	0.903089987	9.8907590846	1.778 Pass	-1.095 Ok
50% L01-240910_2	71	2	3.776e+9	19467	89472972.022	2.3697464095	4e+0	0.6020599913	9.5769899896	2.141 Pass	-1.985 Ok
50% L01-240910_2	72	2	2.148e+9	19516	136835293.16	6.3705683843	2e+0	0.3010299957	9.332019945	1.832 Pass	-1.228 Ok
Ref.Std (L01-240910)	1	2	3.467e+10	18613.5	587669438.42	1.6949040913	1.6e+1	1.2041199827	10.539987978	1.175 Pass	-0.991 Ok
Ref.Std (L01-240910)	2	2	1.622e+10	19311.5	463230896.97	2.8555810473	8e+0	0.903089987	10.210103028	2.499 Pass	-0.872 Ok
Ref.Std (L01-240910)	3	2	7.657e+9	19803.5	231970536.3	3.0296105469	4e+0	0.6020599913	9.8840460225	3.606 Pass	-0.748 Ok
Ref.Std (L01-240910)	4	2	3.761e+9	19680.5	94431706.818	2.5108464532	2e+0	0.3010299957	9.5752976845	0.366 Pass	-0.274 Ok
Ref.Std (L01-240910)	5	2	3.614e+10	19200	2238782751.2	6.1939800559	1.6e+1	1.2041199827	10.55804215	0.356 Pass	-0.555 Ok
Ref.Std (L01-240910)	6	2	1.892e+10	19002.5	282808622.15	1.4950841497	8e+0	0.903089987	10.276827009	0.083 Pass	0.566 Ok
Ref.Std (L01-240910)	7	2	8.450e+9	18863	81272179.859	0.96178488	4e+0	0.6020599913	9.9268639631	0.243 Pass	0.171 Ok
Ref.Std (L01-240910)	8	2	3.695e+9	18885.5	10054551.433	0.2720908438	2e+0	0.3010299957	9.5676487726	1.157 Pass	-0.452 Ok
Ref.Std (L01-240910)	9	2	4.060e+10	18942	2841771707.6	7.0001149946	1.6e+1	1.2041199827	10.608484012	4.985 Pass	0.615 Ok
Ref.Std (L01-240910)	10	2	2.104e+10	20346	443443222.92	2.1074118715	8e+0	0.903089987	10.3230886	1.823 Pass	1.649 Ok
Ref.Std (L01-240910)	11	2	8.837e+9	20066	112974810.7	1.2784101859	4e+0	0.6020599913	9.9463114	1.397 Pass	0.589 Ok
Ref.Std (L01-240910)	12	2	3.968e+9	20399	132165288.52	3.3311430456	2e+0	0.3010299957	9.5985241259	5.157 Pass	0.261 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

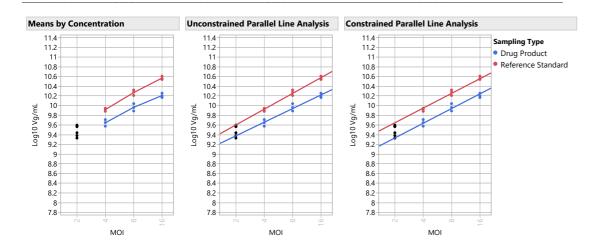
## 50% L01-240910\_2 Test Sample & Reference Standard Summary Statistics

				Std
Group	MOI	N Rows	Mean(Vg/mL)	Dev(Vg/mL)
Ref.Std (L01-240910)	2e+0	3	3.81e+9	1.42e+8
Ref.Std (L01-240910)	4e+0	3	8.31e+9	6.02e+8
Ref.Std (L01-240910)	8e+0	3	1.9e+10	2.42e+9
Ref.Std (L01-240910)	1.6e+1	3	3.7e+10	3.08e+9
50% L01-240910_2	2e+0	3	2.44e+9	3.07e+8
50% L01-240910_2	4e+0	3	4.47e+9	6.92e+8
50% L01-240910_2	8e+0	3	9.32e+9	1.63e+9
50% L01-240910 2	1.6e+1	3	1.6e+10	1.7e+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	0.865	5.248	0.975	0.053	Parallel and Linear	Model 2, Low Standard and Test Doses Excluded
Model 1, All Doses	0.840	1.767	0.986	0.048	Parallel and Linear	
Model 3, High Standard and Test Doses Excluded	0.840	2.744	0.976	0.052	Parallel and Linear	
Model 8, Standard Low Dose and Test High Dose Excluded	0.892	0.316	0.985	0.054	Parallel and Linear	
Model 7, Test High Dose Only Excluded	0.874	1.070	0.987	0.049	Parallel and Linear	
Model 4, Standard Low Dose Only Excluded	0.858	1.868	0.984	0.052	Parallel and Linear	
Model 6, Test Low Dose Only Excluded	0.847	3.388	0.982	0.049	Parallel and Linear	
Model 9, Standard High Dose and Test Low Dose Excluded	0.815	3.758	0.970	0.051	Parallel and Linear	
Model 5, Standard High Dose Only Excluded	0.808	0.704	0.979	0.050	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		33329827388	Passed Validity Criteria	
% Relative Infectivity Delta (Constrained - Unconstrained)		15	0.185	Passed Validity Criteria	
Parallelism Slope Ratio	0.7	1.4	0.865	Passed Validity Criteria	
Linearity Ratio		26.3	5.248	Passed Validity Criteria	
Unconstrained EC50 Standard	0.04	61.8	3.120	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 Check OOS Validity
5.59	11.44	48.9	0	0	48.9	53.7	44.1	150	50	9.7	9.7 Bioassay Results are Reportable Assay is Valid and OO
		Rela	ative								
Unconstrained	RI Constrained F	RI Infectivity D	Delta								
48	3.7 48.	9	0.2								
Infectious	Infectious Particl	e Infectious P	Particle								
Particle Ratio	Ratio Lower Lim	it Ratio Uppe	r Limit								
	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	4.346e+10	20242.5	164290989.13	0.3780442877	1.6e+1	1.2041199827	10.638071064	0.720 Pass	0.066 Ok
150% L01-240910_2	74	2	2.554e+10	19859.5	172756060.68	0.6764341882	8e+0	0.903089987	10.407207743	18.374 Pass	1.453 Ok
150% L01-240910_2	75	2	1.238e+10	20354	532896929.11	4.304486152	4e+0	0.6020599913	10.092721903	8.443 Pass	-0.076 Ok
150% L01-240910_2	76	2	6.956e+9	20033.5	95618993.904	1.3746652481	2e+0	0.3010299957	9.8423472161	0.242 Pass	0.652 Ok
150% L01-240910_2	77	2	4.315e+10	20507.5	567354794.46	1.3147474299	1.6e+1	1.2041199827	10.635012399	161.86 Pass	-0.044 Ok
150% L01-240910_2	78	2	2.312e+10	20364	1420489654.8	6.1439823415	8e+0	0.903089987	10.363988116	0.602 Pass	-0.054 Ok
150% L01-240910_2	79	2	1.135e+10	21188.5	621413242.94	5.4769542447	4e+0	0.6020599913	10.054841391	0.966 Pass	-1.398 Ok
150% L01-240910_2	80	2	7.162e+9	19824.5	294757875.4	4.1154812625	2e+0	0.3010299957	9.8550447888	1.400 Pass	1.138 Ok
150% L01-240910_2	81	2	4.346e+10	19857	175599334.22	0.4040901983	1.6e+1	1.2041199827	10.638044549	0.695 Pass	0.065 Ok
150% L01-240910_2	82	2	2.293e+10	20353	694780318.29	3.0304863146	8e+0	0.903089987	10.36033518	0.820 Pass	-0.175 Ok
150% L01-240910_2	83	2	1.151e+10	19997.5	194500111.81	1.690454602	4e+0	0.6020599913	10.060916343	0.489 Pass	-1.170 Ok
150% L01-240910_2	84	2	6.534e+9	19613	156104914.68	2.3889408814	2e+0	0.3010299957	9.8152111738	3.594 Pass	-0.330 Ok
Ref.Std (L01-240910)	1	2	3.467e+10	18613.5	587669438.42	1.6949040913	1.6e+1	1.2041199827	10.539987978	1.175 Pass	-1.608 Ok
Ref.Std (L01-240910)	2	2	1.622e+10	19311.5	463230896.97	2.8555810473	8e+0	0.903089987	10.210103028	2.499 Pass	-1.403 Ok
Ref.Std (L01-240910)	3	2	7.657e+9	19803.5	231970536.3	3.0296105469	4e+0	0.6020599913	9.8840460225	3.606 Pass	-1.194 Ok
Ref.Std (L01-240910)	4	2	3.761e+9	19680.5	94431706.818	2.5108464532	2e+0	0.3010299957	9.5752976845	0.366 Pass	-0.430 Ok
Ref.Std (L01-240910)	5	2	3.614e+10	19200	2238782751.2	6.1939800559	1.6e+1	1.2041199827	10.55804215	0.356 Pass	-0.877 Ok
Ref.Std (L01-240910)	6	2	1.892e+10	19002.5	282808622.15	1.4950841497	8e+0	0.903089987	10.276827009	0.083 Pass	0.894 Ok
Ref.Std (L01-240910)	7	2	8.450e+9	18863	81272179.859	0.96178488	4e+0	0.6020599913	9.9268639631	0.243 Pass	0.268 Ok
Ref.Std (L01-240910)	8	2	3.695e+9	18885.5	10054551.433	0.2720908438	2e+0	0.3010299957	9.5676487726	1.157 Pass	-0.711 Ok
Ref.Std (L01-240910)	9	2	4.060e+10	18942	2841771707.6	7.0001149946	1.6e+1	1.2041199827	10.608484012	4.985 Pass	0.974 Ok
Ref.Std (L01-240910)	10	2	2.104e+10	20346	443443222.92	2.1074118715	8e+0	0.903089987	10.3230886	1.823 Pass	2.890 Ok
Ref.Std (L01-240910)	11	2	8.837e+9	20066	112974810.7	1.2784101859	4e+0	0.6020599913	9.9463114	1.397 Pass	0.932 Ok
Ref.Std (L01-240910)	12	2	3.968e+9	20399	132165288.52	3.3311430456	2e+0	0.3010299957	9.5985241259	5.157 Pass	0.408 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

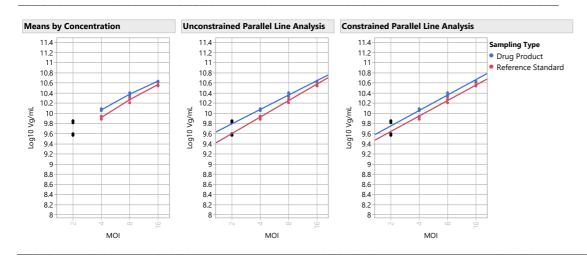
# 150% L01-240910\_2 Test Sample & Reference Standard Summary Statistics

				Std
Group	MOI	N Rows	Mean(Vg/mL)	Dev(Vg/mL)
Ref.Std (L01-240910)	2e+0	3	3.81e+9	1.42e+8
Ref.Std (L01-240910)	4e+0	3	8.31e+9	6.02e+8
Ref.Std (L01-240910)	8e+0	3	1.9e+10	2.42e+9
Ref.Std (L01-240910)	1.6e+1	3	3.7e+10	3.08e+9
150% L01-240910_2	2e+0	3	6.88e+9	3.2e+8
150% L01-240910_2	4e+0	3	1.2e+10	5.57e+8
150% L01-240910_2	8e+0	3	2.4e+10	1.46e+9
150% L01-240910_2	1.6e+1	3	4.3e+10	1.75e+8

# 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	0.873	4.104	0.987	0.033	Parallel and Linear	Model 2, Low Standard and Test Doses Excluded
Model 1, All Doses	0.816	0.369	0.993	0.031	Parallel and Linear	
Model 3, High Standard and Test Doses Excluded	0.783	3.583	0.988	0.033	Parallel and Linear	
Model 6, Test Low Dose Only Excluded	0.856	2.901	0.993	0.031	Parallel and Linear	
Model 4, Standard Low Dose Only Excluded	0.833	0.569	0.990	0.033	Parallel and Linear	
Model 8, Standard Low Dose and Test High Dose Excluded	0.831	1.490	0.985	0.036	Parallel and Linear	
Model 9, Standard High Dose and Test Low Dose Excluded	0.823	2.116	0.994	0.030	Parallel and Linear	
Model 7, Test High Dose Only Excluded	0.814	0.776	0.991	0.034	Parallel and Linear	
Model 5, Standard High Dose Only Excluded	0.785	1.670	0.994	0.030	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		33329827388	Passed Validity Criteria	
% Relative Infectivity Delta (Constrained - Unconstrained)		15	0.145	Passed Validity Criteria	
Parallelism Slope Ratio	0.7	1.4	0.873	Passed Validity Criteria	
Linearity Ratio		26.3	4.104	Passed Validity Criteria	
Unconstrained EC50 Standard	0.04	61.8	3.120	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
9.05	7.07	128.1	0	0	128.1	136.2	120.6	150	50	15.7	15.7 Bioassay Results are Reportable Assay is Valid and Within Lin
Inconstrained I	RI Constrained	Rela RI Infectivity D									
128.	.2 128	.1	0.1								
Infectious	Infectious Partic	le Infectious P	article								
Particle Ratio	Ratio Lower Lim	it Ratio Uppe	r Limit								
2.7	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	5.5745946199	11.480655431	1.0	48.6	43.5	53.6
150% L01-240910_1	8.9756559112	7.1303981161	2.6	125.9	118.6	133.7
200% L01-240910	9.8001683441	6.5305000642	3.1	150.1	142.0	158.9
100% L01-240910	3.9797170781	4.0203862953	1.9	99.0	94.4	103.8
50% L01-240910_2	5.5944150952	11.439980572	1.0	48.9	44.1	53.7
150% L01-240910_2	9.0531686713	7.0693480177	2.7	128.1	120.6	136.2

	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 KT430 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 KT430 Infectivity			PLA			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	Column 5	1	2	3	4	5		6 7	8	9
Lower Specification Limit (≥)	50			Α	1	5	9	13	17	2	1 25	29	33
Upper Specification Limit (≤)	150			В	2	6	10	14	18	2	2 26	30	34
Reference Standard Curve Depth (≥)	2720000000			С	3	7	11	15	19	2	3 27	31	
Unconstrained EC50 Standard Lower Limit (≥)	0.04			D	4	8	12	16	20	2	4 28	32	
Unconstrained EC50 Standard Upper Limit (≤)	61.8			E	49	53	57	61	65	6	9 73	77	81
% Relative Potency Delta (Constrained – Unconstrained) (≤)	15			F	50	54	58					78	
Within Group Jackknife z Outlier Limit (<)	4			G	51	55	59				1 75	79	
Between Group Studentized Residuals Outlier Limit (<)	4			Н	52	56	60					80	
Parallelism Slope Ratio Lower Limit (≥)	0.7												
Parallelism Slope Ratio Upper Limit (≤)	1.4												
Linearity Ratio (≤)	26.3		ddPCR Map - Plate 1		1	2	3	4	5		6 7	8	9
Dose Reponse Test (≤)	0.05			Α	3000	3000	3000					3000	
fixed position for ec50	9.8			В	3000	3000	3000					3000	
fixed position for Test article for Infectious Particles Ratio Equation				C	3000	3000	3000					3000	
Infectious Particles Ratio Lower Specification Limit (≥)	0.3			D	3000	3000	3000					3000	
Infectious Particles Ratio Upper Specification Limit (≤)	1			E	3000	3000	3000					3000	
Failed Accepted Droplets Upper Limit (≤)	5			F	3000	3000	3000					3000	
Tailed Accepted Diopiets Opper Little (2)	5			G	3000	3000	3000					3000	
Report File Name	BQT Infectivity			Н	3000	3000	3000					3000	
Ref.Std (1-12)	Ref.Std (L01-240910)			11	3000	3000	3000	3000	3000	300	5000	3000	3000
Control (13-24)	50% L01-240910 1		ddPCR Map - Plate 2		1	. 2						. 8	9
Sample 1 (25-36)	150% L01-240910_1		· · · · · · · · · · · · · · · · · · ·	A	6000	6000	6000					6000	-
Sample 1 (25-36) Sample 2 (37-48)	200% L01-240910_1			В	6000	6000	6000					6000	
	100% L01-240910			С	6000	6000	6000					6000	
Sample 3 (49-60)													
Sample 4 (61-72)	50% L01-240910_2			D	6000	6000	6000					6000	
Sample 5 (73-84)	150% L01-240910_2			E F	6000	6000	6000					6000	
T. IN I COL	Ref.Std				6000	6000	6000					6000	
Total Number of Plates	2			G	6000	6000	6000					6000	
				Н	6000	6000	6000	6000	6000	600	0 6000	6000	6000
MOI Concentrations													
16													
8													
4													
2													

(	Sample	Sample	Sample	Sample	Conc(copies/							Accepted		
				description 4 Target		Status	Experimen	nt SampleType	TargetType	Supermix	DyeName(s)	Droplets	Positives	Negative
D04 2	•	50	REP1	BDNF			DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20749	3013	1773
C04 4		50	REP1	BDNF	334.3489075		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		21194	5243	159
304 8	В	50	REP1	BDNF	742.4992676	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	20895	9779	111
104	16	50	REP1	BDNF	1214.964355	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	19835	12773	70
104 2	2	50.2	REP1	BDNF	177.3175049	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	18962	2653	163
504 4		50.2	REP1	BDNF	334.5569763		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20116	4979	151
04 8		50.2	REP1	BDNF	743.3629761		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19571	9167	104
	16	50.2	REP1	BDNF	1207.850952		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18099	11616	64
101 2		100.2	REP1	BDNF	234.0956421		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18400	3320	150
501 4		100.2	REP1	BDNF	495.1268005		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		21015	7219	137
01 8 01 1	16	100.2	REP1	BDNF	1095.296021		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP)		19345	11720	76 24
007 2		100.2 150	REP1	BDNF BDNF	2365.355713 467.249176	OK	DQ DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18004 20209	15593 6624	135
207 4		150	REP1	BDNF			DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19118	9280	98
307 8		150	REP1	BDNF		OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19667	14848	48
A07 1	16	150	REP1	BDNF	2955.455811	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19804	18198	16
107 2	2	150.2	REP1	BDNF	459.212616	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	19640	6347	132
307 4	4	150.2	REP1	BDNF	800.2147217	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	20921	10324	105
07 8	3	150.2	REP1	BDNF	1710.758911	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	19375	14849	45
07 1	16	150.2	REP1	BDNF	2889.464111	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	20729	18951	17
010 2	2	200	REP1	BDNF	708.2276611	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	20076	9080	109
210 4		200	REP1	BDNF	977.4855957		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20357	11488	88
310 8		200	REP1	BDNF	2041.050293		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18286	15060	32
10 1		200 pc	REP1	BDNF		OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18450	17616	164
001 2		RS RS	REP1	BDNF	246.2785187 499.5166321		DQ DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20320 20800	3838 7196	164 136
01 4 301 8		RS RS	REP1	BDNF BDNF	1059.626343		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP)		19198	11398	78
A01 1		RS	REP1	BDNF	2283.812012		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20296	17383	78 29
005 2		50	REP2	BDNF	163.9904785		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20805	2707	180
05 4		50	REP2	BDNF	295.3388062		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		21184	4703	164
305 8	3	50	REP2	BDNF	601.5122681		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19579	7837	117
A05 1	16	50	REP2	BDNF	1060.067139	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	19902	11819	80
105 2	2	50.2	REP2	BDNF	166.8026733	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	19472	2574	168
305 4	4	50.2	REP2	BDNF	307.8444214	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	19376	4461	149
05 8		50.2	REP2	BDNF	629.4448242		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	19293	7994	112
	16	50.2	REP2	BDNF	1077.647217		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18922	11351	75
102 2		100.2	REP2	BDNF	239.5184174		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19435	3580	158
302 4		100.2	REP2	BDNF	557.3325195		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19344	7299	120
02 8	16	100.2 100.2	REP2 REP2	BDNF BDNF	1246.139404		DQ DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18666 19275	12194 17053	64 <sup>2</sup>
02 1		150	REP2	BDNF	2541.648682 467.5604553		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP)		19275	6420	131
208 4		150	REP2	BDNF	697.5460205		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20687	9253	114
808		150	REP2	BDNF	1459.571045		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19260	13690	55
A08 1		150	REP2	BDNF	2833.755615		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18903	17203	17
108 2		150.2	REP2	BDNF	463.5831604		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19025	6196	128
G08 4	4	150.2	REP2	BDNF	727.1038818	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	21256	9799	114
08 8	3	150.2	REP2	BDNF	1474.371826	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	20971	14982	59
	16	150.2	REP2	BDNF	2850.130615	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	20645	18814	18
011 2		200	REP2	BDNF	516.6569824		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18381	6533	118
211 4		200	REP2	BDNF	885.7620239		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20155	10662	94
311 8		200	REP2	BDNF	1786.702759		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20119	15713	44
A11 1	16	200 RS	REP2 REP2	BDNF BDNF	3792.115479 246.8267822	OK	DQ DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		17904 19862	17191 3759	7 161
02 4		RS	REP2	BDNF	567.1739502		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP)		18334	7013	113
302 8		RS	REP2		1274.391724		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19099	12634	64
102 1		RS	REP2	BDNF	2515.170166		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19321	17043	22
006 2		50	REP3	BDNF	143.6707916		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18572	2135	164
206 4		50	REP3	BDNF	253.6337738		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18692	3625	150
306		50	REP3	BDNF	545.2636108	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19234	7134	121
106		50	REP3	BDNF	988.2422485		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18765	10664	81
106 2		50.2	REP3	BDNF	136.7447968		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18454	2025	164
506 4		50.2	REP3	BDNF	247.4911957		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18296	3471	148
-06		50.2	REP3	BDNF	533.0770874		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19094	6957	121
06 1		50.2	REP3	BDNF	999.8353271		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18628	10665	79
103 2		100.2	REP3	BDNF	250.3984985		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19743	3785	159
03 8		100.2	REP3	BDNF BDNF	1390 483887		DQ DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP)		19272	7537	117
03 8		100.2 100.2	REP3	BDNF	1390.483887 2817.72583	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		21070 18713	14608 17007	64 17
009 2		150	REP3	BDNF	434.8545532		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18540	5729	128
09 4		150	REP3	BDNF	744.3925781		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20618	9667	109
09 8		150	REP3	BDNF	1498.908447		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19636	14144	54
09 1		150	REP3	BDNF	2870.013184		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		16903	15429	14
109 2	2	150.2	REP3	BDNF	428.2732849	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	18592	5673	129
309 4	4	150.2	REP3	BDNF	757.883667	ОК	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	19237	9136	101
09 8	3	150.2	REP3	BDNF	1495.671997	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		21265	15301	59
09 1		150.2	REP3	BDNF		OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19295	17639	16
012 2		200	REP3	BDNF	527.0714111		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18582	6710	118
12 4		200	REP3	BDNF	854.7813721		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19991	10324	96
12 8		200	REP3	BDNF		OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20634	15867	47
112 1		200	REP3	BDNF	3631.812012		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19699	18800	167
003 2		RS	REP3	BDNF	270.7347107		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		21059	4329	167
203 4 303 8		RS RS	REP3	BDNF	583.8165283		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20742	8114	126
	,	1/3	REP3	DUNF	1423.709229	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	i Aivi	21479	15075	64

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		

# BQT Infectivity\_11Nov2024-13-54-40

	Sample	Sample	Sample	Sample		Conc(copies/							Accepted		
Vell				description 4					SampleType		·	DyeName(s)	Droplets	Positives	Negative
	16	RS	REP3			2840.367188		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19714	17951	176
	NTC NTC					No Call	CHECK		Unknown	Unknown	ddPCR Supermix for Probes (no dUTP) ddPCR Supermix for Probes (no dUTP)		19126 20944	0	1912 2094
	NTC				BDNF	No Call	CHECK		Unknown	Unknown	ddPCR Supermix for Probes (no dUTP)		18778	0	18778
F10	PC				BDNF	1280.408691		DQ	Unknown	Unknown	ddPCR Supermix for Probes (no dUTP)	FAM	18318	12149	616
	PC				BDNF	1218.153198	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (no dUTP)	FAM	19227	12400	682
F12	PC				BDNF	1202.61377	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (no dUTP)	FAM	17535	11226	630
	Sample	Sample	Sample	Sample		Conc(copies/							Accepted		
	description 1	description 2		description 4	Target		Status	Experiment	SampleType	TargetType	Supermix	DyeName(s)	Droplets	Positives	Negative
D01	2	RS	REP1		BDNF		OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19041	1957	1708
C01		RS	REP1		BDNF		OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18807	3738	15069
B01 A01	16	RS RS	REP1		BDNF	551.6500854 1169.609009		DQ DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP)		19425 16931	7271 10666	1215- 626
D10		200	REP1			348.1827393		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20431	5234	1519
C10		200	REP1		BDNF	450.1703796		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP		20145	6405	1374
B10	8	200	REP1		BDNF	985.618042	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP	FAM	19405	11009	839
A10	16	200	REP1		BDNF	1667.197388	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP	) FAM	19306	14626	468
H07		150.2	REP1			234.1138306		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20427	3686	1674
G07 F07	8	150.2 150.2	REP1		BDNF BDNF	425.228363 847.2356567	OK	DQ DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP)		19787 20344	6002 10443	1378 990
	16	150.2	REP1			1452.476807		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19756	14008	574
D07		150.2	REP1		BDNF	235.5180359		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20813	3776	1703
C07		150	REP1		BDNF	408.2714844		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP		20299	5952	1434
B07	8	150	REP1		BDNF	857.5824585	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP	FAM	19821	10259	956
	16	150	REP1		BDNF	1411.008789		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP		19095	13340	575
H01		100.2	REP1		BDNF	130.7037048		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		17071	1795	15270
G01 F01	8	100.2 100.2	REP1		BDNF BDNF	259.6535645 548.6073608		DQ DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18435 17108	3651 6376	14784 10732
	16	100.2	REP1		BDNF	1206.892456		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP)		17108	11748	6565
H04	2	50.2	REP1		BDNF	95.39581299		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19811	1543	18268
G04		50.2	REP1			176.6719055		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18976	2646	16330
F04	8	50.2	REP1		BDNF	362.7191162		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	19656	5215	1444
E04	16	50.2	REP1		BDNF	600.7639771		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18915	7564	11351
D04	2	50	REP1		BDNF	98.58995819		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19369	1557	1781
C04 B04	4	50	REP1		BDNF	182.5280457 382.3301392		DQ DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20047 20367	2881 5651	17160 14710
A04		50	REP1			590.5283203		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP)		19478	7687	1179
D02		RS	REP2				OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		17909	1777	16132
C02		RS	REP2			279.7557678		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP		19392	4104	15288
B02	8	RS	REP2		BDNF	623.8641357	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP	FAM	18906	7781	1112
A02		RS	REP2			1152.047852		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19079	11913	716
D11		200	REP2		BDNF	277.4240723		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19822	4164	15658
C11 B11		200	REP2 REP2		BDNF	471.7400513 902.1112671		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP)		21018 20704	6943 11087	1407: 961:
A11	16	200	REP2		BDNF	1909.904663		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP		18943	15207	3736
H08		150.2	REP2		BDNF	245.6865997		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20624	3887	16737
G08		150.2	REP2		BDNF		OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP		21121	5996	15125
F08	8	150.2	REP2		BDNF	804.1484375	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP	FAM	19757	9783	9974
	16	150.2	REP2		BDNF	1451.810669		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20370	14440	5930
D08		150	REP2		BDNF	230.1463165		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20008	3555	1645
208	4	150	REP2		BDNF		OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP		20745	5862	14883
808 A08	16	150 150	REP2 REP2			797.5358887 1434.838257		DQ DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP)		19989 19225	9841 13547	10148 5678
H02		100.2	REP2			No Call	CHECK		Unknown	Unknown	ddPCR Supermix for Probes (No dUTP		5936	0	5930
G02		100.2	REP2		BDNF	276.0016174		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP		18148	3795	14353
F02	8	100.2	REP2		BDNF	635.269165	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	19061	7953	1110
E02		100.2	REP2			1189.354614		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19625	12484	714
H05		50.2	REP2			77.89870453 144.2233582		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20072	1286	1878
G05 F05	8	50.2 50.2	REP2 REP2		BDNF	296.7576904		DQ DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP)		20932 19987	2415 4456	18517 15531
	16	50.2	REP2			518.7389526		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20134	7179	1295
D05		50	REP2		BDNF		OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP		20688	1390	19298
C05	4	50	REP2		BDNF	148.734436	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP	FAM	19889	2362	17527
	8	50	REP2		BDNF	293.8962402		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20330	4494	1583
A05		50 DC	REP2		BDNF	506.9377747		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19533	6838	12695
D03	4	RS RS	REP3		BDNF	129.1370239 297.2339478		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19739 19390	2052	17687 15061
C03 B03		RS	REP3		BDNF	690.9505005		DQ DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP)		19390	4329 8534	10679
A03		RS	REP3		BDNF	1286.221191		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18170	12081	6089
D12		200	REP3		BDNF	267.4780579		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP		20338	4136	1620
C12		200	REP3			436.5787354		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19502	6046	13456
B12		200	REP3		BDNF	861.7636108		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19825	10295	9530
A12		200	REP3		BDNF	1737.889526		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19827	15301	4520
H09 G09		150.2 150.2	REP3			221.4954987 388.1106567		DQ DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP)		20634 20758	3541 5833	1709: 1492:
	8	150.2	REP3		BDNF	780.5882568		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19441	9428	1001
	16	150.2	REP3			1452.654907		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20419	14479	5940
D09		150	REP3		BDNF	214.1714325	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		21023	3499	1752
	4	150	REP3			377.5775146		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20380	5595	1478
B09		150	REP3		BDNF	760.2349854		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20201	9615	10586
A09		150	REP3			1391.104004		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19861	13773	1706
H03 G03		100.2	REP3		BDNF	131.9998474 298.2965698		DQ DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP)		19089 20133	2026 4509	1706: 1562
503 F03	8	100.2	REP3		BDNF	668.2131348		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20153	8908	11649
	16	100.2	REP3			1320.705322		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18775	12665	6110
H06		50.2	REP3		BDNF	74.82287598	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP		20578	1268	19310
		50.2	REP3			127.9633942		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP		20638	2127	1851
	8	50.2	REP3		BDNF	251.8648376		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20413	3934	1647
E06		50.2	REP3		BDNF	481.3926086		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19937	6695	1324
D06 C06		50	REP3		BDNF	72.48256683		DQ DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19732	1179 2085	1855 1844
	8	50	REP3		BDNF	126.0057755 259.7920837		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP)		20528 19587	2085 3881	1570
A06	16	50	REP3			461.5315857		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18943	6147	1279
E10	NTC					No Call	CHECK		Unknown	Unknown	ddPCR Supermix for Probes (no dUTP)		20488	0	2048
	NTC					No Call	CHECK		Unknown	Unknown	ddPCR Supermix for Probes (no dUTP)		21273	0	21273
E12	NTC				BDNF	No Call	CHECK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (no dUTP)		20600	0	20600
F10	PC				BDNF	1441.094727		DQ	Unknown	Unknown	ddPCR Supermix for Probes (no dUTP)		20444	14438	6006
F11	PC PC				BDNF	1468.046875		DQ	Unknown	Unknown	ddPCR Supermix for Probes (no dUTP)		20465	14589	5876
					RDNE	1419.062134	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (no dUTP)	FAM	20950	14679	6271