

Astellas BQT Assay Report

Test Article Report

Approver Signature/Date

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

Astellas BQT Infectivity Files

First Data FileSecond Data File18OCT2024_Plate01_KL-S318OCT2024_Plate01_KL-S4

50% L01-240910_1 & Reference Standard Data Accepted Std Group Sampling N Rows Vg/mL Droplets Dev(Vg/mL) CV(Vg/mL) MOI Log10 MOI Log10 Vg/mL Jackkr

				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			10.254551883	3.508 Pass	
50% L01-240910_1	14	2	1.130e+10	20631	235053015.22	2.0794349286	1.6e+1	1.2041199827	10.053220492	4.319 Pass	2.429 Ok
50% L01-240910_1	15	2	5.246e+9	20620.5	325698869.5	6.2090657061	8e+0	0.903089987	9.7197899954	2.437 Pass	0.969 Ok
50% L01-240910_1	16	2	2.863e+9	20059	133535135.16	4.6637199832	4e+0	0.6020599913	9.4568630835	2.669 Pass	1.718 Ok
50% L01-240910_1	17	2	1.555e+10	19717.5	489935793.6	3.1497867731			10.191858014	0.233 Pass	
50% L01-240910_1	18	2	8.920e+9	19954.5	145520323.79	1.6314329748	1.6e+1	1.2041199827	9.9503544163	0.309 Pass	-0.157 Ok
50% L01-240910_1	19	2	4.446e+9	20536.5	22592759.573	0.5081526529	8e+0	0.903089987	9.6479750835	0.071 Pass	-0.433 Ok
50% L01-240910_1	20	2	2.457e+9	20746.5	3583547.517	0.1458313452	4e+0	0.6020599913	9.3904622856	0.115 Pass	0.149 Ok
50% L01-240910_1	21	2	1.433e+10	18854	691328511.13	4.8227318281			10.156391355	1.421 Pass	
50% L01-240910_1	22	2	7.986e+9	19410.5	272371628.48	3.410460901	1.6e+1	1.2041199827	9.9023487925	1.261 Pass	-1.237 Ok
50% L01-240910_1	23	2	3.792e+9	19610	17206271.137	0.4537112028	8e+0	0.903089987	9.5789072595	1.863 Pass	-1.993 Ok
50% L01-240910_1	24	2	2.165e+9	19152	13728570.717	0.6341816577	4e+0	0.6020599913	9.3354116483	1.726 Pass	-1.055 Ok
Ref.Std (L01-240910)	1	2	3.467e+10	18613.5	587669438.42	1.6949040913			10.539987978	1.175 Pass	
Ref.Std (L01-240910)	2	2	1.622e+10	19311.5	463230896.97	2.8555810473	1.6e+1	1.2041199827	10.210103028	2.499 Pass	-1.298 Ok
Ref.Std (L01-240910)	3	2	7.657e+9	19803.5	231970536.3	3.0296105469	8e+0	0.903089987	9.8840460225	3.606 Pass	-0.761 Ok
Ref.Std (L01-240910)	4	2	3.761e+9	19680.5	94431706.818	2.5108464532	4e+0	0.6020599913	9.5752976845	0.366 Pass	-0.066 Ok
Ref.Std (L01-240910)	5	2	3.614e+10	19200	2238782751.2	6.1939800559			10.55804215	0.356 Pass	
Ref.Std (L01-240910)	6	2	1.892e+10	19002.5	282808622.15	1.4950841497	1.6e+1	1.2041199827	10.276827009	0.083 Pass	0.188 Ok
Ref.Std (L01-240910)	7	2	8.450e+9	18863	81272179.859	0.96178488	8e+0	0.903089987	9.9268639631	0.243 Pass	0.070 Ok
Ref.Std (L01-240910)	8	2	3.695e+9	18885.5	10054551.433	0.2720908438	4e+0	0.6020599913	9.5676487726	1.157 Pass	-0.228 Ok
Ref.Std (L01-240910)	9	2	4.060e+10	18942	2841771707.6	7.0001149946			10.608484012	4.985 Pass	
Ref.Std (L01-240910)	10	2	2.104e+10	20346	443443222.92	2.1074118715	1.6e+1	1.2041199827	10.3230886	1.823 Pass	1.230 Ok
Ref.Std (L01-240910)	11	2	8.837e+9	20066	112974810.7	1.2784101859	8e+0	0.903089987	9.9463114	1.397 Pass	0.443 Ok
Ref.Std (L01-240910)	12	2	3.968e+9	20399	132165288.52	3.3311430456	4e+0	0.6020599913	9.5985241259	5.157 Pass	0.427 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

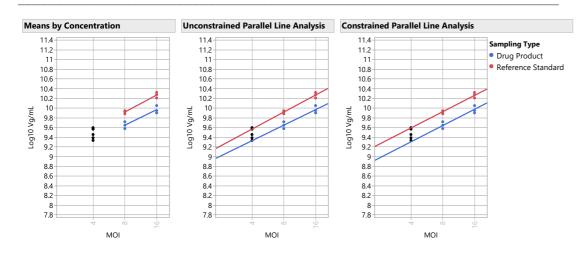
50% L01-240910_1 Test Sample & Reference Standard Summary Statistics

				Std
Group	MOI	N Rows	Mean(Vg/mL)	Dev(Vg/mL)
Ref.Std (L01-240910)		3	3.7e+10	3.08e+9
Ref.Std (L01-240910)	4e+0	3	3.81e+9	1.42e+8
Ref.Std (L01-240910)	8e+0	3	8.31e+9	6.02e+8
Ref.Std (L01-240910)	1.6e+1	3	1.9e+10	2.42e+9
50% L01-240910_1		3	1.6e+10	1.85e+9
50% L01-240910_1	4e+0	3	2.5e+9	3.51e+8
50% L01-240910_1	8e+0	3	4.49e+9	7.28e+8
50% L01-240910_1	1.6e+1	3	9.4e+9	1.71e+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	0.911	0.000	0.951	0.062	Parallel and Linear	Model 2, Low Standard and Test Doses Excluded
Model 1, All Doses	0.833	3.064	0.974	0.054	Parallel and Linear	
Model 3, High Standard and Test Doses Excluded	0.752	0.000	0.955	0.050	Parallel and Linear	
Model 9, Standard High Dose and Test Low Dose Excluded	0.944	0.000	0.932	0.055	Parallel and Linear	
Model 6, Test Low Dose Only Excluded	0.927	0.931	0.967	0.053	Parallel and Linear	
Model 5, Standard High Dose Only Excluded	0.848	5.148	0.953	0.055	Parallel and Linear	
Model 4, Standard Low Dose Only Excluded	0.818	5.154	0.971	0.060	Parallel and Linear	
Model 7, Test High Dose Only Excluded	0.739	1.028	0.981	0.049	Parallel and Linear	
Model 8, Standard Low Dose and Test High Dose Excluded	0.726	0.000	0.980	0.057	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	0.071	Passed Validity Criteria	
Parallelism Slope Ratio	0.7	1.4	0.911	Passed Validity Criteria	
Linearity Ratio		26.3	0.000	Passed Validity Criteria	
Unconstrained EC50 Standard	0.04	61.8	9.336	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
8.42	15.20	55.4	0	0	55.4	62.4	47.6	150	50	14.8	14.8 Bioassay Results are Reportable Assay is Valid and Within Limi
	RI Constrained										
Infectious	Infectious Partic	le Infectious P	article								
Particle Ratio	Ratio Lower Lim	nit Ratio Uppe	r Limit								
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	4.333e+10	19449.5	1415326191.4	3.2663094426			10.636799217	2.752 Pass		
150% L01-240910_1	26	2	2.527e+10	19744	642816777.6	2.5434988531	1.6e+1	1.2041199827	10.402655657	13.343 Pass	1.672	Ok
150% L01-240910_1	27	2	1.199e+10	19708.5	370403067.43	3.0902382741	8e+0	0.903089987	10.078682607	7.469 Pass	-0.289	Ok
150% L01-240910_1	28	2	7.037e+9	20511	40166095.497	0.5707730578	4e+0	0.6020599913	9.8473961516	0.935 Pass	1.001	Ok
150% L01-240910_1	29	2	4.278e+10	19064	380998669.04	0.8906886483			10.631197541	0.129 Pass		
150% L01-240910_1	30	2	2.291e+10	19624.5	1437202301	6.2733021375	1.6e+1	1.2041199827	10.360021699	0.565 Pass	0.082	Ok
150% L01-240910_1	31	2	1.109e+10	20716	889172320.19	8.0163895138	8e+0	0.903089987	10.045007123	1.003 Pass	-1.405	Ok
150% L01-240910_1	32	2	6.959e+9	19792	77086896.492	1.1077457191	4e+0	0.6020599913	9.842540481	0.511 Pass	0.821	Ok
150% L01-240910_1	33	2	4.239e+10	18382	931314530.59	2.1969287211			10.627280412	1.685 Pass		
150% L01-240910_1	34	2	2.265e+10	19918.5	228694495.38	1.0098965802	1.6e+1	1.2041199827	10.35497881	0.865 Pass	-0.088	Ok
150% L01-240910_1	35	2	1.125e+10	20499	114153032.32	1.0149997396	8e+0	0.903089987	10.051021522	0.463 Pass	-1.186	Ok
150% L01-240910_1	36	2	6.474e+9	19781.5	69066883.248	1.0668379646	4e+0	0.6020599913	9.8111713961	9.472 Pass	-0.255	Ok
Ref.Std (L01-240910)	1	2	3.467e+10	18613.5	587669438.42	1.6949040913			10.539987978	1.175 Pass		
Ref.Std (L01-240910)	2	2	1.622e+10	19311.5	463230896.97	2.8555810473	1.6e+1	1.2041199827	10.210103028	2.499 Pass	-2.312	Ok
Ref.Std (L01-240910)	3	2	7.657e+9	19803.5	231970536.3	3.0296105469	8e+0	0.903089987	9.8840460225	3.606 Pass	-1.257	Ok
Ref.Std (L01-240910)	4	2	3.761e+9	19680.5	94431706.818	2.5108464532	4e+0	0.6020599913	9.5752976845	0.366 Pass	-0.106	Ok
Ref.Std (L01-240910)	5	2	3.614e+10	19200	2238782751.2	6.1939800559			10.55804215	0.356 Pass		
Ref.Std (L01-240910)	6	2	1.892e+10	19002.5	282808622.15	1.4950841497	1.6e+1	1.2041199827	10.276827009	0.083 Pass	0.300	Ok
Ref.Std (L01-240910)	7	2	8.450e+9	18863	81272179.859	0.96178488	8e+0	0.903089987	9.9268639631	0.243 Pass	0.111	Ok
Ref.Std (L01-240910)	8	2	3.695e+9	18885.5	10054551.433	0.2720908438	4e+0	0.6020599913	9.5676487726	1.157 Pass	-0.365	Ok
Ref.Std (L01-240910)	9	2	4.060e+10	18942	2841771707.6	7.0001149946			10.608484012	4.985 Pass		
Ref.Std (L01-240910)	10	2	2.104e+10	20346	443443222.92	2.1074118715	1.6e+1	1.2041199827	10.3230886	1.823 Pass	2.164	Ok
Ref.Std (L01-240910)	11	2	8.837e+9	20066	112974810.7	1.2784101859	8e+0	0.903089987	9.9463114	1.397 Pass	0.715	Ok
Ref.Std (L01-240910)	12	2	3.968e+9	20399	132165288.52	3.3311430456	4e+0	0.6020599913	9.5985241259	5.157 Pass	0.688	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

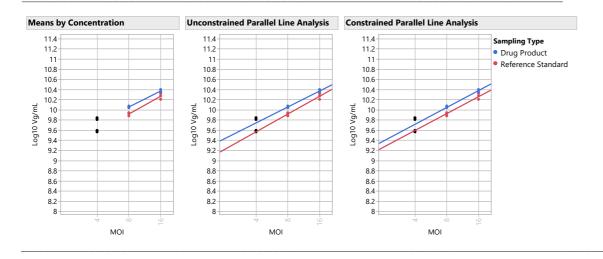
150% L01-240910_1 Test Sample & Reference Standard Summary Statistics

				Std
Group	MOI	N Rows	Mean(Vg/mL)	Dev(Vg/mL)
Ref.Std (L01-240910)		3	3.7e+10	3.08e+9
Ref.Std (L01-240910)	4e+0	3	3.81e+9	1.42e+8
Ref.Std (L01-240910)	8e+0	3	8.31e+9	6.02e+8
Ref.Std (L01-240910)	1.6e+1	3	1.9e+10	2.42e+9
150% L01-240910_1		3	4.3e+10	4.72e+8
150% L01-240910_1	4e+0	3	6.82e+9	3.05e+8
150% L01-240910_1	8e+0	3	1.1e+10	4.78e+8
150% L01-240910_1	1.6e+1	3	2.4e+10	1.45e+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	0.896	0.000	0.973	0.036	Parallel and Linear	Model 2, Low Standard and Test Doses Excluded
Model 1, All Doses	0.781	4.157	0.988	0.034	Parallel and Linear	
Model 9, Standard High Dose and Test Low Dose Excluded	0.928	0.000	0.995	0.024	Parallel and Linear	
Model 6, Test Low Dose Only Excluded	0.912	0.939	0.991	0.032	Parallel and Linear	
Model 5, Standard High Dose Only Excluded	0.796	7.276	0.991	0.029	Parallel and Linear	
Model 4, Standard Low Dose Only Excluded	0.768	7.342	0.976	0.037	Parallel and Linear	
Model 3, High Standard and Test Doses Excluded	0.663	0.000	0.989	0.022	Fails Parallelism and is Linear	
Model 7, Test High Dose Only Excluded	0.651	1.082	0.987	0.031	Fails Parallelism and is Linear	
Model 8, Standard Low Dose and Test High Dose Excluded	0.640	0.000	0.971	0.035	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		33329827388	Passed Validity Criteria	
% Relative Infectivity Delta (Constrained - Unconstrained)		15	0.098	Passed Validity Criteria	
Parallelism Slope Ratio	0.7	1.4	0.896	Passed Validity Criteria	
Linearity Ratio		26.3	0.000	Passed Validity Criteria	
Unconstrained EC50 Standard	0.04	61.8	9.336	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
12.83	9.98	128.6	0	0	128.6	138.6	120.0	150	50	18.5	18.5	Bioassay Results are Reportable	Assay is Valid and Within Limi
		Rela	ative										
Unconstrained	RI Constrained	RI Infectivity D	Pelta										
128	3.7 128	.6	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	5.233e+10	18878	3273703267.4	6.2557892386			10.718757203	1.072	Pass		
200% L01-240910	38	2	3.009e+10	18845.5	740491509.11	2.4607466152	1.6e+1	1.2041199827	10.478453187	4.857	Pass	1.581	Ok
200% L01-240910	39	2	1.408e+10	20251	818244555.34	5.809870213	8e+0	0.903089987	10.148716693	1.385	Pass	-0.535	Ok
200% L01-240910	40	2	1.053e+10	20253.5	125817445.28	1.1943429664	4e+0	0.6020599913	10.022611806	50.409	Pass	3.452	Ok
200% L01-240910	41	2	5.709e+10	18423.5	293737605.16	0.5145218197			10.756555753	6.187	Pass		
200% L01-240910	42	2	2.693e+10	20411.5	185825277.73	0.6899810404	1.6e+1	1.2041199827	10.430267633	0.348	Pass	0.238	Ok
200% L01-240910	43	2	1.372e+10	20586.5	612192672.69	4.4622681989	8e+0	0.903089987	10.137332458	0.249	Pass	-0.806	Ok
200% L01-240910	44	2	8.036e+9	19101.5	405078446.6	5.0406160629	4e+0	0.6020599913	9.9050555168	0.668	Pass	-0.463	Ok
200% L01-240910	45	2	5.331e+10	19763	1654979461.6	3.1046232995			10.726783696	0.417	Pass		
200% L01-240910	46	2	2.585e+10	20229.5	2807020.1741	0.0108568237	1.6e+1	1.2041199827	10.412542748	1.189	Pass	-0.208	Ok
200% L01-240910	47	2	1.296e+10	19746.5	194907960.04	1.5039726731	8e+0	0.903089987	10.112589631	3.656	Pass	-1.452	Ok
200% L01-240910	48	2	7.965e+9	19460	83629922.415	1.0499404243	4e+0	0.6020599913	9.9011970368	0.747	Pass	-0.563	Ok
Ref.Std (L01-240910)	1	2	3.467e+10	18613.5	587669438.42	1.6949040913			10.539987978	1.175	Pass		
Ref.Std (L01-240910)	2	2	1.622e+10	19311.5	463230896.97	2.8555810473	1.6e+1	1.2041199827	10.210103028	2.499	Pass	-1.588	Ok
Ref.Std (L01-240910)	3	2	7.657e+9	19803.5	231970536.3	3.0296105469	8e+0	0.903089987	9.8840460225	3.606	Pass	-0.914	Ok
Ref.Std (L01-240910)	4	2	3.761e+9	19680.5	94431706.818	2.5108464532	4e+0	0.6020599913	9.5752976845	0.366	Pass	-0.079	Ok
Ref.Std (L01-240910)	5	2	3.614e+10	19200	2238782751.2	6.1939800559			10.55804215	0.356	Pass		
Ref.Std (L01-240910)	6	2	1.892e+10	19002.5	282808622.15	1.4950841497	1.6e+1	1.2041199827	10.276827009	0.083	Pass	0.223	Ok
Ref.Std (L01-240910)	7	2	8.450e+9	18863	81272179.859	0.96178488	8e+0	0.903089987	9.9268639631	0.243	Pass	0.083	Ok
Ref.Std (L01-240910)	8	2	3.695e+9	18885.5	10054551.433	0.2720908438	4e+0	0.6020599913	9.5676487726	1.157	Pass	-0.272	Ok
Ref.Std (L01-240910)	9	2	4.060e+10	18942	2841771707.6	7.0001149946			10.608484012	4.985	Pass		
Ref.Std (L01-240910)	10	2	2.104e+10	20346	443443222.92	2.1074118715	1.6e+1	1.2041199827	10.3230886	1.823	Pass	1.500	Ok
Ref.Std (L01-240910)	11	2	8.837e+9	20066	112974810.7	1.2784101859	8e+0	0.903089987	9.9463114	1.397	Pass	0.529	Ok
Ref.Std (L01-240910)	12	2	3.968e+9	20399	132165288.52	3.3311430456	4e+0	0.6020599913	9.5985241259	5.157	Pass	0.510	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

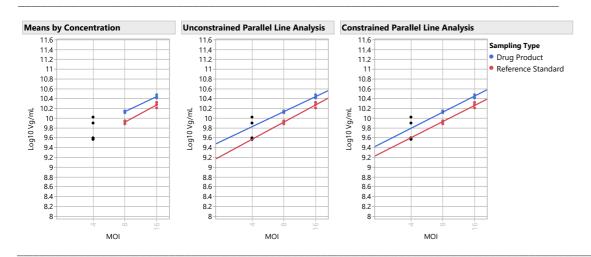
200% L01-240910 Test Sample & Reference Standard Summary Statistics

				Std
Group	MOI	N Rows	Mean(Vg/mL)	Dev(Vg/mL)
Ref.Std (L01-240910)		3	3.7e+10	3.08e+9
Ref.Std (L01-240910)	4e+0	3	3.81e+9	1.42e+8
Ref.Std (L01-240910)	8e+0	3	8.31e+9	6.02e+8
Ref.Std (L01-240910)	1.6e+1	3	1.9e+10	2.42e+9
200% L01-240910		3	5.4e+10	2.51e+9
200% L01-240910	4e+0	3	8.85e+9	1.46e+9
200% L01-240910	8e+0	3	1.4e+10	5.74e+8
200% L01-240910	1.6e+1	3	2.8e+10	2.2e+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	0.876	0.000	0.974	0.038	Parallel and Linear	Model 2, Low Standard and Test Doses Excluded
Model 1, All Doses	0.721	5.475	0.980	0.045	Parallel and Linear	
Model 9, Standard High Dose and Test Low Dose Excluded	0.908	0.000	0.995	0.026	Parallel and Linear	
Model 6, Test Low Dose Only Excluded	0.892	0.948	0.991	0.033	Parallel and Linear	
Model 5, Standard High Dose Only Excluded	0.735	9.816	0.982	0.045	Parallel and Linear	
Model 4, Standard Low Dose Only Excluded	0.709	10.003	0.954	0.050	Parallel and Linear	
Model 3, High Standard and Test Doses Excluded	0.561	0.000	0.974	0.040	Fails Parallelism and is Linear	
Model 7, Test High Dose Only Excluded	0.551	1.152	0.977	0.042	Fails Parallelism and is Linear	
Model 8, Standard Low Dose and Test High Dose Excluded	0.541	0.000	0.930	0.048	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		33329827388	Passed Validity Criteria	
% Relative Infectivity Delta (Constrained - Unconstrained)		15	0.265	Passed Validity Criteria	
Parallelism Slope Ratio	0.7	1.4	0.876	Passed Validity Criteria	
Linearity Ratio		26.3	0.000	Passed Validity Criteria	
Unconstrained EC50 Standard	0.04	61.8	9.336	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	CI Range % of Tolerance Check	OOS Validity
13.85	9.24	149.8	0	0	149.8	163.2	138.9	150	50	24.3	24.3	Bioassay Results are Reportable	Assay is Valid and Within Li
		Rela											
Unconstrained	RI Constrained	RI Infectivity D	elta										
150	.1 149	8.6	0.3										
Infectious	Infectious Parti	le Infectious P	article										
Particle Ratio	Ratio Lower Lir	nit Ratio Uppe	r Limit										
1.3	(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			10.554411073	1.078 Pass		
100% L01-240910	50	2	1.644e+10	18226.5	20350893.08	0.1237600509	1.6e+1	1.2041199827	10.216002993	2.888 Pass	-1.895	Ok
100% L01-240910	51	2	7.608e+9	19725	256471113.81	3.3709586709	8e+0	0.903089987	9.8812850299	2.601 Pass	-1.157	Ok
100% L01-240910	52	2	3.716e+9	17735.5	289685040.08	7.7950422058	4e+0	0.6020599913	9.570107597	0.049 Pass	0.015	Ok
100% L01-240910	53	2	3.690e+10	19450	1728233892.7	4.6832199996			10.567057958	0.413 Pass		
100% L01-240910	54	2	1.888e+10	18863.5	258789690.42	1.3710651781	1.6e+1	1.2041199827	10.27588887	0.151 Pass	0.311	Ok
100% L01-240910	55	2	8.320e+9	18746	56525600.254	0.6793927511	8e+0	0.903089987	9.9201242741	0.102 Pass	0.060	Ok
100% L01-240910	56	2	3.593e+9	12685.5			4e+0	0.6020599913	9.5554301725	1.940 Pass	-0.476	Ok
100% L01-240910	57	2	4.094e+10	18744	1870104954.7	4.5675232426			10.612185215	6.103 Pass		
100% L01-240910	58	2	2.045e+10	20813.5	573367617.57	2.8035032798	1.6e+1	1.2041199827	10.310732093	1.624 Pass	1.604	Ok
100% L01-240910	59	2	8.852e+9	19702.5	137595150.53	1.5544659683	8e+0	0.903089987	9.9470219092	1.763 Pass	0.891	Ok
100% L01-240910	60	2	3.858e+9	19416	144262472.04	3.7393203403	4e+0	0.6020599913	9.586360698	2.330 Pass	0.561	Ok
Ref.Std (L01-240910)	1	2	3.467e+10	18613.5	587669438.42	1.6949040913			10.539987978	1.175 Pass		
Ref.Std (L01-240910)	2	2	1.622e+10	19311.5	463230896.97	2.8555810473	1.6e+1	1.2041199827	10.210103028	2.499 Pass	-2.267	Ok
Ref.Std (L01-240910)	3	2	7.657e+9	19803.5	231970536.3	3.0296105469	8e+0	0.903089987	9.8840460225	3.606 Pass	-1.238	Ok
Ref.Std (L01-240910)	4	2	3.761e+9	19680.5	94431706.818	2.5108464532	4e+0	0.6020599913	9.5752976845	0.366 Pass	-0.104	Ok
Ref.Std (L01-240910)	5	2	3.614e+10	19200	2238782751.2	6.1939800559			10.55804215	0.356 Pass		
Ref.Std (L01-240910)	6	2	1.892e+10	19002.5	282808622.15	1.4950841497	1.6e+1	1.2041199827	10.276827009	0.083 Pass	0.296	Ok
Ref.Std (L01-240910)	7	2	8.450e+9	18863	81272179.859	0.96178488	8e+0	0.903089987	9.9268639631	0.243 Pass	0.110	Ok
Ref.Std (L01-240910)	8	2	3.695e+9	18885.5	10054551.433	0.2720908438	4e+0	0.6020599913	9.5676487726	1.157 Pass	-0.360	Ok
Ref.Std (L01-240910)	9	2	4.060e+10	18942	2841771707.6	7.0001149946			10.608484012	4.985 Pass		
Ref.Std (L01-240910)	10	2	2.104e+10	20346	443443222.92	2.1074118715	1.6e+1	1.2041199827	10.3230886	1.823 Pass	2.123	Ok
Ref.Std (L01-240910)	11	2	8.837e+9	20066	112974810.7	1.2784101859	8e+0	0.903089987	9.9463114	1.397 Pass	0.705	Ok
Ref.Std (L01-240910)	12	2	3.968e+9	20399	132165288.52	3.3311430456	4e+0	0.6020599913	9.5985241259	5.157 Pass	0.678	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

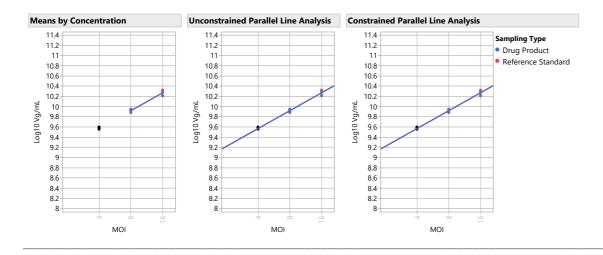
100% L01-240910 Test Sample & Reference Standard Summary Statistics

				Std
Group	MOI	N Rows	Mean(Vg/mL)	Dev(Vg/mL)
Ref.Std (L01-240910)		3	3.7e+10	3.08e+9
Ref.Std (L01-240910)	4e+0	3	3.81e+9	1.42e+8
Ref.Std (L01-240910)	8e+0	3	8.31e+9	6.02e+8
Ref.Std (L01-240910)	1.6e+1	3	1.9e+10	2.42e+9
100% L01-240910		3	3.8e+10	2.69e+9
100% L01-240910	4e+0	3	3.72e+9	1.33e+8
100% L01-240910	8e+0	3	8.26e+9	6.24e+8
100% L01-240910	1.6e+1	3	1.9e+10	2.02e+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	1.001	0.000	0.960	0.044	Parallel and Linear	Model 2, Low Standard and Test Doses Excluded
Model 1, All Doses	1.011	0.658	0.989	0.034	Parallel and Linear	
Model 3, High Standard and Test Doses Excluded	1.020	0.000	0.985	0.026	Parallel and Linear	
Model 7, Test High Dose Only Excluded	1.002	0.893	0.988	0.033	Parallel and Linear	
Model 4, Standard Low Dose Only Excluded	0.993	0.421	0.985	0.038	Parallel and Linear	
Model 8, Standard Low Dose and Test High Dose Excluded	0.985	0.000	0.985	0.037	Parallel and Linear	
Model 6, Test Low Dose Only Excluded	1.019	0.889	0.984	0.038	Parallel and Linear	
Model 5, Standard High Dose Only Excluded	1.029	0.428	0.990	0.030	Parallel and Linear	
Model 9, Standard High Dose and Test Low Dose Excluded	1.038	0.000	0.987	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 Valid
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	1.001	Passed Validity Criteria	
Linearity Ratio		26.3	0.000	Passed Validity Criteria	
Unconstrained EC50 Standard	0.04	61.8	9.336	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	e Check OOS Validity
11.28	11.34	99.5	0	0	99.5	107.3	92.2	150	50	15.1	15.1 Bioassay Results are Rep	portable Assay is Valid and Within L
		Rela										
Unconstrained	RI Constrained	RI Infectivity D	Pelta									
99	0.5 99	9.5	0.0									
Infectious	Infectious Parti	cle Infectious P	article									
Particle Ratio	Ratio Lower Lir	nit Ratio Uppe	r Limit									
0.8	(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	1.807e+10	18507	67065519.327	0.371135865			10.256966367	3.436 Pass		
50% L01-240910_2	62	2	1.102e+10	19613.5	190120617.32	1.7258574881	1.6e+1	1.2041199827	10.042024285	2.575 Pass	2.234	Ok
50% L01-240910_2	63	2	5.159e+9	19546	199264473.2	3.8622715539	8e+0	0.903089987	9.7125870699	2.102 Pass	0.958	Ok
50% L01-240910_2	64	2	2.761e+9	19386.5	142914635.79	5.1765314071	4e+0	0.6020599913	9.4410378536	2.485 Pass	1.554	Ok
50% L01-240910_2	65	2	1.586e+10	19528	426059891.54	2.6857978728			10.200397327	0.224 Pass		
50% L01-240910_2	66	2	9.172e+9	19640	381089296.09	4.1548290727	1.6e+1	1.2041199827	9.9624735888	0.098 Pass	0.152	Ok
50% L01-240910_2	67	2	4.472e+9	20154	205743731.17	4.6005207441	8e+0	0.903089987	9.6505196182	0.005 Pass	-0.303	Ok
50% L01-240910_2	68	2	2.420e+9	19772	116728454.59	4.8244854223	4e+0	0.6020599913	9.3837257373	0.080 Pass	0.169	Ok
50% L01-240910_2	69	2	1.472e+10	19282.5	392975759.31	2.6697350163			10.167897604	1.440 Pass		
50% L01-240910_2	70	2	7.776e+9	19753.5	311276312.65	4.0030128902	1.6e+1	1.2041199827	9.8907590846	1.778 Pass	-1.548	Ok
50% L01-240910_2	71	2	3.776e+9	19467	89472972.022	2.3697464095	8e+0	0.903089987	9.5769899896	2.141 Pass	-2.013	Ok
50% L01-240910_2	72	2	2.148e+9	19516	136835293.16	6.3705683843	4e+0	0.6020599913	9.332019945	1.832 Pass	-1.004	Ok
Ref.Std (L01-240910)	1	2	3.467e+10	18613.5	587669438.42	1.6949040913			10.539987978	1.175 Pass		
Ref.Std (L01-240910)	2	2	1.622e+10	19311.5	463230896.97	2.8555810473	1.6e+1	1.2041199827	10.210103028	2.499 Pass	-1.357	Ok
Ref.Std (L01-240910)	3	2	7.657e+9	19803.5	231970536.3	3.0296105469	8e+0	0.903089987	9.8840460225	3.606 Pass	-0.793	Ok
Ref.Std (L01-240910)	4	2	3.761e+9	19680.5	94431706.818	2.5108464532	4e+0	0.6020599913	9.5752976845	0.366 Pass	-0.069	Ok
Ref.Std (L01-240910)	5	2	3.614e+10	19200	2238782751.2	6.1939800559			10.55804215	0.356 Pass		
Ref.Std (L01-240910)	6	2	1.892e+10	19002.5	282808622.15	1.4950841497	1.6e+1	1.2041199827	10.276827009	0.083 Pass	0.195	Ok
Ref.Std (L01-240910)	7	2	8.450e+9	18863	81272179.859	0.96178488	8e+0	0.903089987	9.9268639631	0.243 Pass	0.073	Ok
Ref.Std (L01-240910)	8	2	3.695e+9	18885.5	10054551.433	0.2720908438	4e+0	0.6020599913	9.5676487726	1.157 Pass	-0.237	Ok
Ref.Std (L01-240910)	9	2	4.060e+10	18942	2841771707.6	7.0001149946			10.608484012	4.985 Pass		
Ref.Std (L01-240910)	10	2	2.104e+10	20346	443443222.92	2.1074118715	1.6e+1	1.2041199827	10.3230886	1.823 Pass	1.285	Ok
Ref.Std (L01-240910)	11	2	8.837e+9	20066	112974810.7	1.2784101859	8e+0	0.903089987	9.9463114	1.397 Pass	0.461	Ok
Ref.Std (L01-240910)	12	2	3.968e+9	20399	132165288.52	3.3311430456	4e+0	0.6020599913	9.5985241259	5.157 Pass	0.445	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

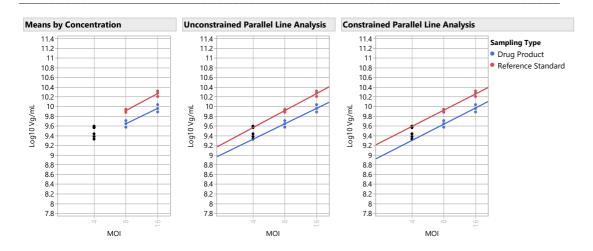
50% L01-240910_2 Test Sample & Reference Standard Summary Statistics

				Std
Group	MOI	N Rows	Mean(Vg/mL)	Dev(Vg/mL)
Ref.Std (L01-240910)		3	3.7e+10	3.08e+9
Ref.Std (L01-240910)	4e+0	3	3.81e+9	1.42e+8
Ref.Std (L01-240910)	8e+0	3	8.31e+9	6.02e+8
Ref.Std (L01-240910)	1.6e+1	3	1.9e+10	2.42e+9
50% L01-240910_2		3	1.6e+10	1.7e+9
50% L01-240910_2	4e+0	3	2.44e+9	3.07e+8
50% L01-240910_2	8e+0	3	4.47e+9	6.92e+8
50% L01-240910 2	1.6e+1	3	9.32e+9	1.63e+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	0.907	0.000	0.953	0.060	Parallel and Linear	Model 2, Low Standard and Test Doses Excluded
Model 1, All Doses	0.840	2.744	0.976	0.052	Parallel and Linear	
Model 3, High Standard and Test Doses Excluded	0.771	0.000	0.961	0.047	Parallel and Linear	
Model 9, Standard High Dose and Test Low Dose Excluded	0.940	0.000	0.935	0.054	Parallel and Linear	
Model 6, Test Low Dose Only Excluded	0.924	0.933	0.969	0.052	Parallel and Linear	
Model 5, Standard High Dose Only Excluded	0.856	4.517	0.958	0.053	Parallel and Linear	
Model 4, Standard Low Dose Only Excluded	0.826	4.511	0.974	0.058	Parallel and Linear	
Model 7, Test High Dose Only Excluded	0.757	1.017	0.983	0.047	Parallel and Linear	
Model 8, Standard Low Dose and Test High Dose Excluded	0.744	0.000	0.982	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		33329827388	Passed Validity Criteria	
% Relative Infectivity Delta (Constrained - Unconstrained)		15	0.078	Passed Validity Criteria	
Parallelism Slope Ratio	0.7	1.4	0.907	Passed Validity Criteria	
Linearity Ratio		26.3	0.000	Passed Validity Criteria	
Unconstrained EC50 Standard	0.04	61.8	9.336	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			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	55.0	0	0	55.0	61.9	47.4	150	50	14.5	14.5 Bioassay Results are Reportable Assay is Valid and Within Limi
	RI Constrained	RI Infectivity D									
54	1.9 55	.0	0.1								
Infectious	Infectious Partic	le Infectious P	article								
Particle Ratio	Ratio Lower Lim	nit 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 Grou
150% L01-240910_2	73	2	4.346e+10	20242.5	164290989.13	0.3780442877			10.638071064	0.720 Pass	
150% L01-240910_2	74	2	2.554e+10	19859.5	172756060.68	0.6764341882	1.6e+1	1.2041199827	10.407207743	18.374 Pass	1.622 Ok
150% L01-240910_2	75	2	1.238e+10	20354	532896929.11	4.304486152	8e+0	0.903089987	10.092721903	8.443 Pass	-0.063 Ok
150% L01-240910_2	76	2	6.956e+9	20033.5	95618993.904	1.3746652481	4e+0	0.6020599913	9.8423472161	0.242 Pass	0.613 Ok
150% L01-240910_2	77	2	4.315e+10	20507.5	567354794.46	1.3147474299			10.635012399	161.86 Pass	
150% L01-240910_2	78	2	2.312e+10	20364	1420489654.8	6.1439823415	1.6e+1	1.2041199827	10.363988116	0.602 Pass	-0.020 Ok
150% L01-240910_2	79	2	1.135e+10	21188.5	621413242.94	5.4769542447	8e+0	0.903089987	10.054841391	0.966 Pass	-1.330 Ok
150% L01-240910_2	80	2	7.162e+9	19824.5	294757875.4	4.1154812625	4e+0	0.6020599913	9.8550447888	1.400 Pass	1.092 Ok
150% L01-240910_2	81	2	4.346e+10	19857	175599334.22	0.4040901983			10.638044549	0.695 Pass	
150% L01-240910_2	82	2	2.293e+10	20353	694780318.29	3.0304863146	1.6e+1	1.2041199827	10.36033518	0.820 Pass	-0.147 Ok
150% L01-240910_2	83	2	1.151e+10	19997.5	194500111.81	1.690454602	8e+0	0.903089987	10.060916343	0.489 Pass	-1.106 Ok
150% L01-240910_2	84	2	6.534e+9	19613	156104914.68	2.3889408814	4e+0	0.6020599913	9.8152111738	3.594 Pass	-0.338 Ok
Ref.Std (L01-240910)	1	2	3.467e+10	18613.5	587669438.42	1.6949040913			10.539987978	1.175 Pass	
Ref.Std (L01-240910)	2	2	1.622e+10	19311.5	463230896.97	2.8555810473	1.6e+1	1.2041199827	10.210103028	2.499 Pass	-2.415 Ok
Ref.Std (L01-240910)	3	2	7.657e+9	19803.5	231970536.3	3.0296105469	8e+0	0.903089987	9.8840460225	3.606 Pass	-1.301 Ok
Ref.Std (L01-240910)	4	2	3.761e+9	19680.5	94431706.818	2.5108464532	4e+0	0.6020599913	9.5752976845	0.366 Pass	-0.109 Ok
Ref.Std (L01-240910)	5	2	3.614e+10	19200	2238782751.2	6.1939800559			10.55804215	0.356 Pass	
Ref.Std (L01-240910)	6	2	1.892e+10	19002.5	282808622.15	1.4950841497	1.6e+1	1.2041199827	10.276827009	0.083 Pass	0.309 Ok
Ref.Std (L01-240910)	7	2	8.450e+9	18863	81272179.859	0.96178488	8e+0	0.903089987	9.9268639631	0.243 Pass	0.115 Ok
Ref.Std (L01-240910)	8	2	3.695e+9	18885.5	10054551.433	0.2720908438	4e+0	0.6020599913	9.5676487726	1.157 Pass	-0.376 Ok
Ref.Std (L01-240910)	9	2	4.060e+10	18942	2841771707.6	7.0001149946			10.608484012	4.985 Pass	
Ref.Std (L01-240910)	10	2	2.104e+10	20346	443443222.92	2.1074118715	1.6e+1	1.2041199827	10.3230886	1.823 Pass	2.257 Ok
Ref.Std (L01-240910)	11	2	8.837e+9	20066	112974810.7	1.2784101859	8e+0	0.903089987	9.9463114	1.397 Pass	0.738 Ok
Ref.Std (L01-240910)	12	2	3.968e+9	20399	132165288.52	3.3311430456	4e+0	0.6020599913	9.5985241259	5.157 Pass	0.710 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

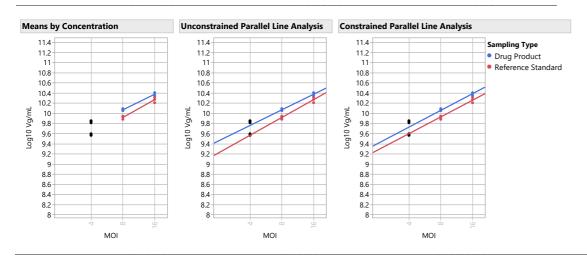
150% L01-240910_2 Test Sample & Reference Standard Summary Statistics

				Std
Group	MOI	N Rows	Mean(Vg/mL)	Dev(Vg/mL)
Ref.Std (L01-240910)		3	3.7e+10	3.08e+9
Ref.Std (L01-240910)	4e+0	3	3.81e+9	1.42e+8
Ref.Std (L01-240910)	8e+0	3	8.31e+9	6.02e+8
Ref.Std (L01-240910)	1.6e+1	3	1.9e+10	2.42e+9
150% L01-240910_2		3	4.3e+10	1.75e+8
150% L01-240910_2	4e+0	3	6.88e+9	3.2e+8
150% L01-240910_2	8e+0	3	1.2e+10	5.57e+8
150% L01-240910_2	1.6e+1	3	2.4e+10	1.46e+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	0.972	0.037	Parallel and Linear	Model 2, Low Standard and Test Doses Excluded
Model 1, All Doses	0.783	3.583	0.988	0.033	Parallel and Linear	
Model 9, Standard High Dose and Test Low Dose Excluded	0.909	0.000	0.995	0.024	Parallel and Linear	
Model 6, Test Low Dose Only Excluded	0.892	0.948	0.991	0.032	Parallel and Linear	
Model 5, Standard High Dose Only Excluded	0.797	6.147	0.992	0.028	Parallel and Linear	
Model 4, Standard Low Dose Only Excluded	0.769	6.175	0.977	0.036	Parallel and Linear	
Model 3, High Standard and Test Doses Excluded	0.685	0.000	0.989	0.023	Fails Parallelism and is Linear	
Model 7, Test High Dose Only Excluded	0.673	1.068	0.987	0.031	Fails Parallelism and is Linear	
Model 8, Standard Low Dose and Test High Dose Excluded	0.661	0.000	0.970	0.036	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		33329827388	Passed Validity Criteria	
% Relative Infectivity Delta (Constrained - Unconstrained)		15	0.154	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	9.336	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
12.96	9.88	131.1	0	0	131.1	141.7	122.1	150	50	19.7	19.7 Bioassay Results are Reportable Assay is Valid and Within Lim
Inconstrained I	RI Constrained I	Rela RI Infectivity D									
131.	.3 131	.1	0.2								
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	8.4205001409	15.200997311	0.5	55.4	47.6	62.4
150% L01-240910_1	12.831950769	9.9751006147	1.1	128.6	120.0	138.6
200% L01-240910	13.849393598	9.2422819158	1.3	149.8	138.9	163.2
100% L01-240910	11.283629128	11.343868055	0.8	99.5	92.2	107.3
50% L01-240910_2	8.3904272073	15.255480661	0.5	55.0	47.4	61.9
150% L01-240910_2	12.956050678	9.8795538221	1.1	131.1	122.1	141.7

	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	Within Limits	Reportable
100% L01-240910	Assay is Valid	Within Limits	Reportable
50% L01-240910_2	Assay is Valid	Within Limits	Reportable
150% 101-240010 2	Accay ic Valid	Within Limite	Panartable

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 1		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)

Contain College West and Director	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											

Mall.	Sample	Sample	Sample	Sample	Tarcat	Conc(copies/	Ctatus	Evporiment	SamplaT:	Target ^T :	Supermix	DivaName(a)	Accepted	Positi:	Nocati
Nell 004		description 2	REP1	description 4	l arget BDNF			DQ	SampleType Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	DyeName(s)	Droplets 20749	Positives 3013	Negative 1773
204		50	REP1		BDNF			DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		21194	5243	1595
04		50	REP1		BDNF			DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20895	9779	1111
	16	50	REP1		BDNF	1214.964355		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19835	12773	70
104	2	50.2	REP1		BDNF	177.3175049	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	18962	2653	163
04		50.2	REP1		BDNF	334.5569763	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	20116	4979	151
04	8	50.2	REP1		BDNF			DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19571	9167	104
04	16	50.2	REP1		BDNF	1207.850952		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18099	11616	64
101		100.2	REP1		BDNF BDNF			DQ DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP)		18400 21015	3320 7219	150 137
01	8	100.2	REP1		BDNF	1095.296021		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19345	11720	76
01	16	100.2	REP1		BDNF	2365.355713		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18004	15593	24
07	2	150	REP1		BDNF			DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	20209	6624	135
07	4	150	REP1		BDNF	781.6210327	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	19118	9280	98
07		150	REP1		BDNF	1654.55957	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19667	14848	48
	16	150	REP1		BDNF			DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19804	18198	16
107	2	150.2	REP1		BDNF		OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19640	6347	132
07 07	8	150.2 150.2	REP1		BDNF BDNF	800.2147217 1710.758911		DQ DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP)		20921 19375	10324 14849	105 45
07	16	150.2	REP1		BDNF	2889.464111		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20729	18951	17
10		200	REP1		BDNF	708.2276611		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20076	9080	109
10		200	REP1		BDNF	977.4855957		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20357	11488	88
10		200	REP1		BDNF	2041.050293	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18286	15060	32
	16	200	REP1		BDNF		OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18450	17616	8
01		RS	REP1			246.2785187		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20320	3838	164
01	4	RS	REP1		BDNF	499.5166321		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20800	7196	136
01		RS	REP1		BDNF BDNF	1059.626343 2283.812012		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19198	11398	78
01	16	RS 50	REP1		BDNF	163.9904785		DQ DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP)		20296 20805	17383 2707	29 180
05		50	REP2		BDNF	295.3388062		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		21184	4703	164
05	8	50	REP2		BDNF	601.5122681		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19579	7837	117
.05	16	50	REP2		BDNF	1060.067139	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	19902	11819	80
05	2	50.2	REP2		BDNF	166.8026733	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	19472	2574	168
05		50.2	REP2		BDNF	307.8444214		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19376	4461	149
	8	50.2	REP2		BDNF	629.4448242		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19293	7994	112
	16	50.2	REP2		BDNF	1077.647217		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18922	11351	75
102		100.2	REP2 REP2		BDNF BDNF	239.5184174 557.3325195		DQ DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP)		19435 19344	3580 7299	158 120
02		100.2	REP2		BDNF			DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18666	12194	64
	16	100.2	REP2		BDNF	2541.648682		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19275	17053	22
800	2	150	REP2		BDNF	467.5604553		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19576	6420	131
80	4	150	REP2		BDNF	697.5460205	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	20687	9253	114
80		150	REP2		BDNF	1459.571045		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19260	13690	55
	16	150	REP2		BDNF	2833.755615		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18903	17203	17
108		150.2 150.2	REP2 REP2			463.5831604		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19025	6196	128
808		150.2	REP2		BDNF BDNF	727.1038818 1474.371826		DQ DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP)		21256 20971	9799 14982	114 59
:08	16	150.2	REP2		BDNF	2850.130615		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20645	18814	18
11		200	REP2		BDNF	516.6569824		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18381	6533	118
11	4	200	REP2		BDNF	885.7620239	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	20155	10662	94
11	8	200	REP2		BDNF	1786.702759	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	20119	15713	44
	16	200	REP2			3792.115479		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		17904	17191	7
02		RS	REP2			246.8267822		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19862	3759	161
02 02		RS RS	REP2 REP2		BDNF	567.1739502 1274.391724		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP)		18334 19099	7013 12634	113
	16	RS	REP2		BDNF			DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19321	17043	22
06		50	REP3		BDNF	143.6707916		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18572	2135	164
06		50	REP3		BDNF			DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18692	3625	150
06		50	REP3		BDNF			DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19234	7134	12
	16	50	REP3		BDNF			DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18765	10664	81
06		50.2	REP3		BDNF			DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18454	2025	164
06		50.2	REP3		BDNF	247.4911957		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18296	3471	148
)6		50.2	REP3		BDNF			DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19094	10665	12
03	16	50.2 100.2	REP3 REP3		BDNF BDNF	999.8353271 250.3984985		DQ DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP)		18628 19743	10665 3785	79 159
03		100.2	REP3		BDNF			DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19272	7537	11
13		100.2	REP3		BDNF			DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		21070	14608	6
	16	100.2	REP3		BDNF		OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18713	17007	1
09		150	REP3		BDNF			DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18540	5729	12
	4	150	REP3			744.3925781		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	20618	9667	10
	8	150	REP3		BDNF	1498.908447		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19636	14144	5-
	16	150	REP3		BDNF			DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		16903	15429	14
09		150.2	REP3			428.2732849		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18592	5673	12
)9 9	8	150.2 150.2	REP3 REP3		BDNF BDNF	757.883667 1495.671997	OK	DQ DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP)		19237 21265	9136 15301	10 5
	16	150.2	REP3		BDNF		OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19295	17639	1
12		200	REP3		BDNF	527.0714111		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18582	6710	11
12		200	REP3		BDNF			DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19991	10324	9
12		200	REP3		BDNF	1723.79187		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20634	15867	4
	16	200	REP3		BDNF			DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19699	18800	8
03	2	RS	REP3		BDNF	270.7347107	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	21059	4329	16
22	4	RS	REP3		BDNF	583.8165283	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	20742	8114	

10	11	12	Column 18	Column 19
37	41	45		
38	42	46		
39	43	47		
40	44	48		
	i i			
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_13Nov2024-13-49-50

/ell	description 1	Sample description 2	Sample description 3	Sample description 4	Target	Conc(copies/ µL)	Status	Experiment	SampleType	TargetType	Supermix	yeName(s)	Accepted Droplets	Positives	Negat
	8	RS	REP3	description .	BDNF	1423.709229	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F.		21479	15075	6
	16	RS	REP3			2840.367188		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F		19714	17951	1
	NTC		INE. 5		BDNF	No Call	CHECK		Unknown	Unknown	ddPCR Supermix for Probes (no dUTP)		19126	0	19
	NTC					No Call	CHECK		Unknown	Unknown	ddPCR Supermix for Probes (no dUTP)		20944	0	20
	NTC				BDNF	No Call	CHECK		Unknown	Unknown	ddPCR Supermix for Probes (no dUTP) F.		18778	0	18
	PC				BDNF	1280.408691	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (no dUTP)	AM	18318	12149	6
11	PC				BDNF	1218.153198	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (no dUTP)	AM	19227	12400	6
12	PC				BDNF	1202.61377	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (no dUTP)	AM	17535	11226	6
	Sample	Sample	Sample	Sample		Conc(copies/							Accepted		
	description 1	description 2 RS	description 3 REP1	description 4	Target BDNF		Status	Experiment DQ	SampleType Unknown	TargetType Unknown	Supermix D ddPCR Supermix for Probes (No dUTP) F.	yeName(s)	Droplets 19041	Positives 1957	Negat 17
01		RS	REP1		BDNF		OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F		18807	3738	15
01		RS	REP1			551.6500854		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F.		19425	7271	12
	16	RS	REP1		BDNF	1169.609009		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F.		16931	10666	6
10		200	REP1			348.1827393		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) Fa		20431	5234	15
10	4	200	REP1		BDNF	450.1703796	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) Fa		20145	6405	13
10	8	200	REP1		BDNF	985.618042	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F.	AM	19405	11009	8
10	16	200	REP1		BDNF	1667.197388	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	AM	19306	14626	
07	2	150.2	REP1		BDNF	234.1138306	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	AM	20427	3686	16
)7		150.2	REP1				OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19787	6002	13
	8	150.2	REP1		BDNF	847.2356567		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20344	10443	9
	16	150.2	REP1			1452.476807		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F.		19756	14008	
07		150	REP1		BDNF	235.5180359		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F		20813	3776	17
)7		150	REP1		BDNF	408.2714844		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F.		20299	5952	14
)7		150	REP1		BDNF	857.5824585		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F		19821	10259	9
	16	150	REP1		BDNF	1411.008789 130.7037048		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F. ddPCR Supermix for Probes (No dUTP) F.		19095 17071	13340	11
01 01		100.2	REP1		BDNF BDNF	130.7037048 259.6535645		DQ DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) Fa		17071	1795 3651	15
) I I1		100.2	REP1		BDNF	548.6073608		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) Fa		17108	6376	10
	16	100.2	REP1		BDNF	1206.892456		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) Fa		18313	11748	'
)4		50.2	REP1		BDNF	95.39581299		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) Fa		19811	1543	1
4		50.2	REP1			176.6719055		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) Fa		18976	2646	1
	8	50.2	REP1		BDNF	362.7191162		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) Fa		19656	5215	1
	16	50.2	REP1		BDNF	600.7639771		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F.		18915	7564	1
4		50	REP1			98.58995819		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F.		19369	1557	1
4		50	REP1		BDNF	182.5280457		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20047	2881	1
4	8	50	REP1		BDNF	382.3301392	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	AM	20367	5651	1
4	16	50	REP1		BDNF	590.5283203	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	AM	19478	7687	1
2	2	RS	REP2		BDNF	122.939415	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	AM	17909	1777	1
2		RS	REP2		BDNF	279.7557678	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	AM	19392	4104	1
-	8	RS	REP2		BDNF	623.8641357	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	AM	18906	7781	1
	16	RS	REP2			1152.047852		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19079	11913	
	2	200	REP2		BDNF	277.4240723		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19822	4164	
	4	200	REP2			471.7400513		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F.		21018	6943	1
	8	200	REP2			902.1112671		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F		20704	11087	
	16	200	REP2		BDNF	1909.904663		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F		18943	15207	
	2	150.2	REP2		BDNF	245.6865997		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F.		20624	3887	1
	4	150.2	REP2		BDNF	392.8456421		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F.		21121	5996	1
	8	150.2	REP2		BDNF	804.1484375		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F.		19757	9783	
	16	150.2	REP2			1451.810669		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F		20370	14440	
,	_	150	REP2			230.1463165		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F.		20008	3555	1
	4	150	REP2			390.6889954		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F		20745	5862	
	8	150	REP2		BDNF	797.5358887		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F		19989	9841	
	16	150 100.2	REP2 REP2		BDNF BDNF	1434.838257 No Call	CHECK	DQ	Unknown	Unknown Unknown	ddPCR Supermix for Probes (No dUTP) F		19225 5936	13547	
	4	100.2	REP2			276.0016174		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F. ddPCR Supermix for Probes (No dUTP) F.		18148	3795	
	8	100.2	REP2		BDNF	635.269165	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F.		19061	7953	
	16	100.2	REP2			1189.354614		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) Fa		19625	12484	
	2	50.2	REP2		BDNF	77.89870453		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F.		20072	1286	
	4	50.2	REP2		BDNF	144.2233582		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F.		20932	2415	
	8	50.2	REP2		BDNF	296.7576904		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F.		19987	4456	
	16	50.2	REP2			518.7389526		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F		20134	7179	
	2	50.2	REP2		BDNF		OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) Fa		20688	1390	
	4	50	REP2		BDNF		OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F.		19889	2362	
	8	50	REP2		BDNF	293.8962402		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F.		20330	4494	
	16	50	REP2		BDNF	506.9377747		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19533	6838	
	2	RS	REP3		BDNF	129.1370239	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	AM	19739	2052	
	4	RS	REP3		BDNF	297.2339478	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19390	4329	
	8	RS	REP3		BDNF	690.9505005		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19213	8534	
	16	RS	REP3		BDNF	1286.221191		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18170	12081	
	2	200	REP3		BDNF	267.4780579		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F		20338	4136	
	4	200	REP3			436.5787354		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F.		19502	6046	
	8	200	REP3		BDNF	861.7636108		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F.		19825	10295	
	16	200	REP3		BDNF	1737.889526		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F		19827	15301	
	2	150.2	REP3		BDNF	221.4954987		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F		20634	3541	
	4	150.2	REP3		BDNF	388.1106567		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F		20758	5833	
	16	150.2	REP3		BDNF	780.5882568		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F		19441	9428	
	16	150.2 150	REP3		BDNF	1452.654907		DQ DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F.		20419 21023	14479 3499	
	4	150	REP3			214.1714325 377.5775146		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F. ddPCR Supermix for Probes (No dUTP) F.		20380	5595	
	8	150	REP3			760.2349854		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) Fa		20380	9615	
	16	150	REP3		BDNF	1391.104004		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) Fa		19861	13773	
	2	100.2	REP3		BDNF	131.9998474		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F.		19089	2026	
	4	100.2	REP3		BDNF	298.2965698		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) Fa		20133	4509	
	8	100.2	REP3		BDNF	668.2131348		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) Fa		20557	8908	
	16	100.2	REP3		BDNF	1320.705322		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) Fa		18775	12665	
	2	50.2	REP3		BDNF	74.82287598		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) Fa		20578	1268	
	4	50.2	REP3		BDNF	127.9633942		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) Fa		20638	2127	
	8	50.2	REP3			251.8648376		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F.		20413	3934	
	16	50.2	REP3		BDNF	481.3926086		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F.		19937	6695	
	2	50.2	REP3		BDNF			DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) Fa		19732	1179	
	4	50	REP3			126.0057755		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) F.		20528	2085	
	8	50	REP3		BDNF	259.7920837		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) Fa		19587	3881	
	16	50	REP3		BDNF	461.5315857		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) Fa		18943	6147	
	NTC		-			No Call	CHECK		Unknown	Unknown	ddPCR Supermix for Probes (no dUTP)		20488	0	
	NTC				BDNF	No Call	CHECK		Unknown	Unknown	ddPCR Supermix for Probes (no dUTP)		21273	0	- 2
	NTC				BDNF	No Call	CHECK		Unknown	Unknown	ddPCR Supermix for Probes (no dUTP)		20600	0	
	PC				BDNF	1441.094727		DQ	Unknown	Unknown	ddPCR Supermix for Probes (no dUTP)		20444	14438	•
	PC				BDNF	1468.046875		DQ	Unknown	Unknown	ddPCR Supermix for Probes (no dUTP)		20465	14589	
						1419.062134		DQ	Unknown	Unknown	ddPCR Supermix for Probes (no dUTP)		20950	14679	