

Astellas BQT Assay Report

Test Article Report

Approver Signature/Date

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

Astellas BQT 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			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

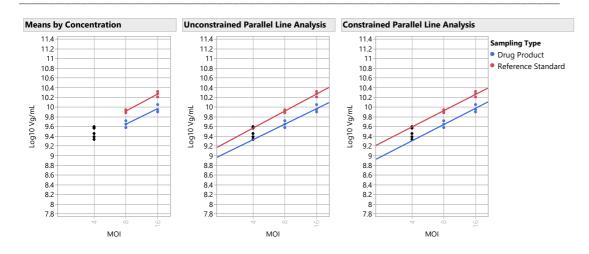
50% L01-240910_1 Test Sample & Reference Standard Summary Statistics

				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 Limit
Unconstrained	RI Constrained I										
Infectious	Infectious Partic	le Infectious P	article								
0.5	0	.3	1.0								

150% L01-240910_1 & Reference Standard Data

				Accepted	Std					Outlier	Externally	Outlier
Group	Sampling	N Rows	Vg/mL	Droplets	Dev(Vg/mL)	CV(Vg/mL)	MOI	Log10 MOI	Log10 Vg/mL	Jackknife z Within Group	Studentized Residuals	Between Group
150% L01-240910_1	25	2	4.333e+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

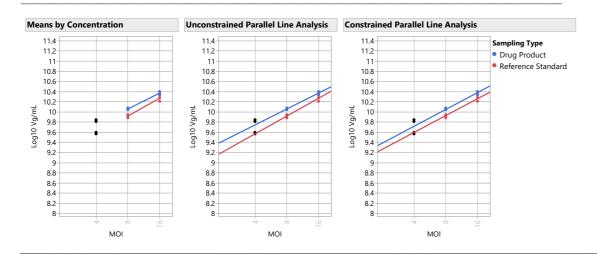
150% L01-240910_1 Test Sample & Reference Standard Summary Statistics

				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	tive										
Unconstrained I	RI Constrained	RI Infectivity D	elta										
128	.7 128	.6	0.1										
Infectious	Infectious Partic	le Infectious P	article										
Particle Ratio	Ratio Lower Lim	nit Ratio Uppe	r Limit										
1.1	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			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

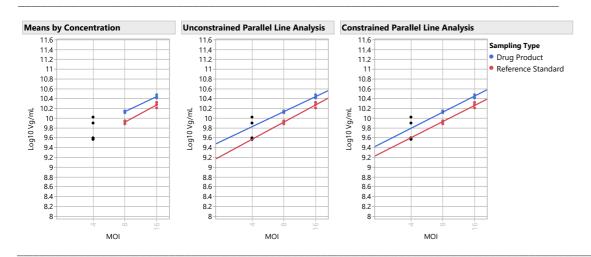
200% L01-240910 Test Sample & Reference Standard Summary Statistics

				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

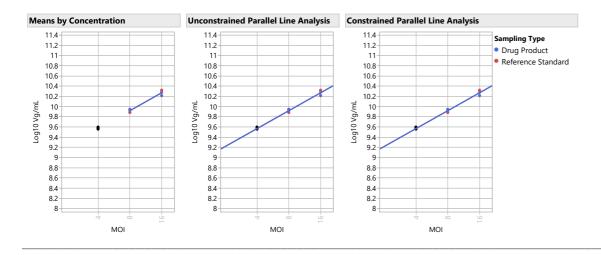
100% L01-240910 Test Sample & Reference Standard Summary Statistics

				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 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 Reportable	Assay is Valid and Within Li
		Rela											
Unconstrained	RI Constrained	RI Infectivity D	elta										
99	.5 9	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

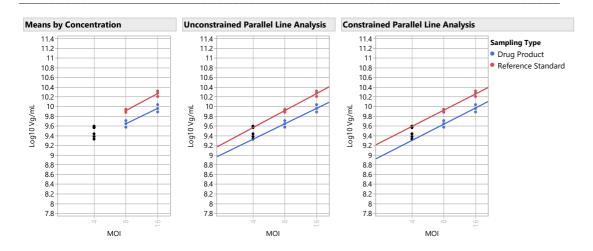
50% L01-240910_2 Test Sample & Reference Standard Summary Statistics

				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		Reference	Relative Infectivity	Assay RI	Assay RI	Upper	Lower		CI Range as %
EC50 Ref	EC50 Test	Uncorrected	Reference CF	Stability CF	Reportable Result	Upper 95%	Lower 95%	Spec Limit	Spec Limit	CI Range	of Tolerance CI Range % of Tolerance Check OOS Validity
8.39	15.26	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		elta								
54	1.9 55	.0	0.1								
Infectious	Infectious Partic	le Infectious P	article								
Particle Ratio	Ratio Lower Lin	it Ratio Uppe	r Limit								
0.5	C	.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

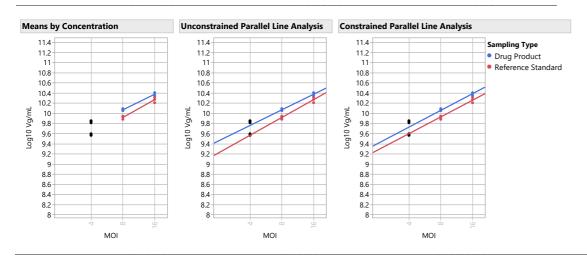
150% L01-240910_2 Test Sample & Reference Standard Summary Statistics

				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 Lin
		Rela	ative								
Inconstrained	RI Constrained F	RI Infectivity D	elta								
131	.3 131.	.1	0.2								
Infectious	Infectious Particl	le Infectious P	article								
	Infectious Particl Ratio Lower Lim										

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% L01-240910 2	Assay is Valid	Within Limits	Reportable

Astellas BQT Infectivity Bioassay Materials and Reference Standard Report

Assay Details

		Date Assay		Bioassay	Analyst				Instrument	Bioassay preparation	Bioassay review
Assay	Site:	Initiated:	Purpose:	Run Number	Name:	Signal	Method	Instrument ID	internal no.	(date_operator)	(date_reviewer)
Astellas BQT Infectivity			PLA	BQT Test Run 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	Target	Conc(copies/	Status	Evporiment	SamplaTupa	TargetTupe	Suparmiy	DuoNamo(s)	Accepted	Pocitivos	Negative
Well D04		description 2	REP1	description 4	BDNF	μL) 184.5901031		DQ	SampleType Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	DyeName(s) FAM	Droplets 20749	Positives 3013	Negative 1773
C04		50	REP1		BDNF			DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		21194	5243	1595
B04	8	50	REP1		BDNF	742.4992676	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	20895	9779	1111
A04		50	REP1		BDNF	1214.964355		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19835	12773	706
H04 G04	2	50.2 50.2	REP1		BDNF	177.3175049 334.5569763		DQ DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP)		18962 20116	2653 4979	1630 1513
	8	50.2	REP1		BDNF	743.3629761		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19571	9167	1040
E04		50.2	REP1		BDNF	1207.850952		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18099	11616	648
H01	2	100.2	REP1		BDNF	234.0956421	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18400	3320	1508
G01	4	100.2	REP1		BDNF	495.1268005	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	21015	7219	1379
	8	100.2	REP1		BDNF	1095.296021		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19345	11720	762
E01		100.2	REP1		BDNF	2365.355713		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18004	15593	241
D07		150	REP1		BDNF			DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20209	6624 9280	1358
C07 B07		150 150	REP1		BDNF	781.6210327 1654.55957	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP)		19118 19667	14848	983 481
A07		150	REP1		BDNF	2955.455811		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19804	18198	160
	2	150.2	REP1		BDNF		OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19640	6347	1329
G07	4	150.2	REP1		BDNF	800.2147217	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20921	10324	1059
F07	8	150.2	REP1		BDNF	1710.758911	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	19375	14849	452
	16	150.2	REP1		BDNF	2889.464111	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	20729	18951	177
D10		200	REP1		BDNF	708.2276611		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20076	9080	1099
C10		200	REP1		BDNF	977.4855957		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20357	11488	886
B10 A10		200	REP1		BDNF	2041.050293 3643.04248	OK OK	DQ DQ	Unknown	Unknown Unknown	ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP)		18286 18450	15060 17616	322 83
D01		RS	REP1		BDNF			DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20320	3838	1648
C01		RS	REP1		BDNF	499.5166321		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20800	7196	1360
	8	RS	REP1		BDNF	1059.626343		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19198	11398	780
A01	16	RS	REP1		BDNF	2283.812012	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20296	17383	291
D05	2	50	REP2		BDNF	163.9904785	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	20805	2707	1809
C05		50	REP2		BDNF	295.3388062		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		21184	4703	1648
B05		50	REP2		BDNF	601.5122681		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19579	7837	1174
A05 H05		50 50.2	REP2 REP2		BDNF	1060.067139 166.8026733		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19902 19472	11819 2574	808 1689
G05		50.2	REP2		BDNF	307.8444214		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP)		19472	4461	1491
F05		50.2	REP2		BDNF	629.4448242		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19293	7994	1129
E05		50.2	REP2		BDNF	1077.647217		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18922	11351	757
H02	2	100.2	REP2		BDNF	239.5184174	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	19435	3580	1585
G02	4	100.2	REP2		BDNF	557.3325195	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	19344	7299	1204
F02		100.2	REP2		BDNF	1246.139404		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18666	12194	647
	16	100.2	REP2		BDNF	2541.648682		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19275	17053	222
D08 C08		150 150	REP2 REP2		BDNF	467.5604553 697.5460205		DQ DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP)		19576 20687	6420 9253	1315 1143
B08		150	REP2		BDNF	1459.571045		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19260	13690	557
A08		150	REP2		BDNF	2833.755615		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18903	17203	170
H08	2	150.2	REP2		BDNF	463.5831604	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19025	6196	1282
G08	4	150.2	REP2		BDNF	727.1038818	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	21256	9799	1145
F08		150.2	REP2		BDNF	1474.371826		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20971	14982	598
E08		150.2	REP2		BDNF	2850.130615		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20645	18814	183
D11		200	REP2		BDNF	516.6569824		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18381	6533	1184 949
C11 B11		200	REP2 REP2			885.7620239 1786.702759		DQ		Unknown	ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP)		20155 20119	10662 15713	440
A11		200	REP2			3792.115479		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		17904	17191	71
D02		RS	REP2			246.8267822		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19862	3759	1610
C02		RS	REP2		BDNF	567.1739502		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18334	7013	1132
B02	8	RS	REP2		BDNF	1274.391724	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	19099	12634	646
A02		RS	REP2		BDNF			DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19321	17043	227
D06		50	REP3		BDNF	143.6707916		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18572	2135	1643
C06		50	REP3		BDNF	253.6337738		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18692	3625	1506
B06 A06		50	REP3		BDNF	545.2636108 988.2422485		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP)		19234 18765	7134 10664	1210 810
H06		50.2	REP3		BDNF	136.7447968		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18454	2025	1642
G06		50.2	REP3		BDNF	247.4911957		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18296	3471	1482
F06		50.2	REP3		BDNF			DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19094	6957	1213
E06	16	50.2	REP3		BDNF	999.8353271	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	18628	10665	796
H03		100.2	REP3		BDNF	250.3984985		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19743	3785	1595
G03		100.2	REP3		BDNF	583.6205444		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19272	7537	1173
F03		100.2	REP3		BDNF	1390.483887		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		21070	14608	646
E03		100.2	REP3		BDNF	2817.72583	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18713	17007	170
D09 C09		150 150	REP3		BDNF	434.8545532 744.3925781		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP)		18540 20618	5729 9667	1281 1095
B09		150	REP3		BDNF	1498.908447		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19636	14144	549
A09		150	REP3		BDNF	2870.013184		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		16903	15429	147
H09		150.2	REP3		BDNF			DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18592	5673	1291
G09		150.2	REP3		BDNF	757.883667	ОК	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19237	9136	1010
F09	8	150.2	REP3		BDNF	1495.671997	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		21265	15301	596
E09		150.2	REP3		BDNF		OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19295	17639	165
D12		200	REP3		BDNF	527.0714111		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18582	6710	1187
C12		200	REP3		BDNF	854.7813721		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19991	10324	966
B12		200	REP3		BDNF	1723.79187	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20634	15867	476
A12		200 RS	REP3		BDNF	3631.812012		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19699 21059	18800 4329	1673
D03			INEFO		BDNF	270.7347107	UK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	LOIVI	۷ ۱۵۵۶	4529	1673

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_13Nov2024-13-45-02

03 8 03 1 10 M 11 M 12 M 10 F 11 F 12 F	8 16 NTC NTC NTC	RS RS	REP3 REP3	description 4	-				SampleType	TargetType		DyeName(s)	Droplets	Positives 15075	Negative
03 11 11 11 11 11 11 11 11 11 11 11 11 11	16 NTC NTC NTC				BDNF	1423.709229									
110 P 111 P 1111 P 1 P 1 P 1 P 1 P 1 P 1 P P 1 P	NTC NTC NTC	KS			22415				Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		21479		640
111	NTC NTC		IKLI S						Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19714	17951	176
112	NTC						CHECK		Unknown Unknown	Unknown	ddPCR Supermix for Probes (no dUTP) ddPCR Supermix for Probes (no dUTP)		19126 20944	0	1912 2094
110 F F 111						No Call	CHECK		Unknown	Unknown	ddPCR Supermix for Probes (no dUTP)		18778	0	1877
11 F 12 F 12 F 10 1 2 01 2 01 8 01 1 10 2 10 8 10 1					BDNF	1280.408691			Unknown	Unknown	ddPCR Supermix for Probes (no dUTP)		18318	12149	616
/ell c 01 2 01 8 01 1 10 2 10 4 10 8	PC					1218.153198			Unknown	Unknown	ddPCR Supermix for Probes (no dUTP)		19227	12400	682
/ell of 01 2 01 4 01 8 01 10 2 10 4 10 11 10 10	PC				BDNF	1202.61377	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (no dUTP)		17535	11226	630
01 2 01 4 01 8 01 1 10 2 10 4 10 8	Sample	Sample	Sample	Sample		Conc(copies/							Accepted		
01 4 01 8 01 1 10 2 10 4 10 8		description 2 RS	description 3 REP1	description 4		μL) 127.5908127		Experiment DQ	SampleType Unknown	TargetType Unknown	Supermix ddPCR Supermix for Probes (No dUTP)	DyeName(s)	Droplets 19041	Positives 1957	Negative 1708
01 1 10 2 10 4 10 8 10 1		RS	REP1						Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18807	3738	1506
10 2 10 4 10 8 10 1		RS	REP1		BDNF	551.6500854			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19425	7271	1215
10 4 10 8 10 1	16	RS	REP1		BDNF	1169.609009	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	16931	10666	626
10 8	2	200	REP1		BDNF	348.1827393	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	20431	5234	1519
10 1		200	REP1			450.1703796			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	20145	6405	137
		200	REP1						Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19405	11009	83
0/ /		200	REP1			1667.197388			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19306	14626	468
07 4		150.2 150.2	REP1			234.1138306 425.228363			Unknown Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP)		20427 19787	3686 6002	167- 137
07 8		150.2	REP1			847.2356567			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20344	10443	99
	16	150.2	REP1			1452.476807			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19756	14008	57-
07 2		150	REP1			235.5180359			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20813	3776	170
07 4	4	150	REP1		BDNF	408.2714844	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	20299	5952	143-
07 8	8	150	REP1		BDNF	857.5824585	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	19821	10259	95
07 1		150	REP1			1411.008789			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19095	13340	57
01 2		100.2	REP1						Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		17071	1795	152
01 4		100.2	REP1			259.6535645			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18435	3651	147
01 8		100.2	REP1			548.6073608			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		17108	6376	107
	16	100.2 50.2	REP1			1206.892456			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP)		18313 19811	11748	182
04 2		50.2	REP1			95.39581299 176.6719055			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19811	1543 2646	182
04 2		50.2	REP1			362.7191162			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19656	5215	144
	16	50.2	REP1		BDNF	600.7639771			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18915	7564	113
04 2		50	REP1			98.58995819			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19369	1557	178
04 4		50	REP1			182.5280457			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20047	2881	171
04 8	8	50	REP1		BDNF	382.3301392	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	20367	5651	147
04 1		50	REP1			590.5283203			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	19478	7687	117
02 2		RS	REP2						Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		17909	1777	161
02 4		RS	REP2			279.7557678			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19392	4104	152
02 8		RS	REP2			623.8641357			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18906	7781	111:
02 1		RS 200	REP2 REP2			1152.047852 277.4240723			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP)		19079 19822	11913 4164	71 156
11 4		200	REP2			471.7400513			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		21018	6943	140
11 8		200	REP2			902.1112671			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20704	11087	96
11 1		200	REP2			1909.904663			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18943	15207	373
08 2	2	150.2	REP2		BDNF	245.6865997	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	20624	3887	167
08 4	4	150.2	REP2		BDNF	392.8456421	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	21121	5996	1512
80		150.2	REP2			804.1484375			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19757	9783	99
08 1		150.2	REP2						Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20370	14440	593
08 2		150	REP2		BDNF			DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20008	3555	164
08 4 08 8		150 150	REP2 REP2			390.6889954 797.5358887			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP)		20745 19989	5862 9841	148
08 1		150	REP2			1434.838257			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19225	13547	56
02 2		100.2	REP2			No Call	CHECK		Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		5936	0	59:
02 4		100.2	REP2			276.0016174			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18148	3795	143
02 8		100.2	REP2			635.269165			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19061	7953	111
02 1	16	100.2	REP2		BDNF	1189.354614	OK	DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	19625	12484	71
05 2		50.2	REP2			77.89870453			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20072	1286	187
05 4		50.2	REP2			144.2233582			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20932	2415	185
05 8		50.2	REP2			296.7576904			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19987	4456	155
05 1 05 2		50.2 50	REP2 REP2			518.7389526 81.8263092			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP)		20134 20688	7179 1390	129 192
05 4		50	REP2						Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19889	2362	175
05 8		50	REP2			293.8962402			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20330	4494	158
05 1		50	REP2			506.9377747			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19533	6838	126
03 2		RS	REP3						Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19739	2052	176
03 4		RS	REP3			297.2339478			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19390	4329	150
03 8		RS	REP3			690.9505005			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19213	8534	106
03 1		RS	REP3			1286.221191			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18170	12081	60
12 2		200	REP3			267.4780579			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20338	4136	162
12 4 12 8		200	REP3 REP3			436.5787354 861.7636108			Unknown Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP)		19502 19825	6046 10295	134 95
12 1		200	REP3			1737.889526			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19825	15301	45
09 2		150.2	REP3			221.4954987			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20634	3541	170
09 4		150.2	REP3			388.1106567			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20758	5833	149
09 8		150.2	REP3			780.5882568			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19441	9428	100
	16	150.2	REP3			1452.654907			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	20419	14479	59
09 2		150	REP3			214.1714325			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		21023	3499	175
09 4		150	REP3			377.5775146			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20380	5595	147
09 8		150	REP3			760.2349854			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20201	9615	105
09 1		150	REP3			1391.104004			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19861 19089	13773	60 170
03 2		100.2	REP3			131.9998474 298.2965698			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP) ddPCR Supermix for Probes (No dUTP)		20133	2026 4509	170
03 8		100.2	REP3			668.2131348			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20155	8908	116
03 1		100.2	REP3			1320.705322			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18775	12665	61
06 2		50.2	REP3			74.82287598			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20578	1268	193
06 4		50.2	REP3			127.9633942			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20638	2127	185
06 8	8	50.2	REP3			251.8648376		DQ	Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)	FAM	20413	3934	164
	16	50.2	REP3			481.3926086			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19937	6695	132
06 2		50	REP3			72.48256683			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19732	1179	185
06 4		50	REP3			126.0057755			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		20528	2085	184
06 8		50	REP3			259.7920837			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		19587	3881	157
06 1		50	REP3			461.5315857			Unknown	Unknown	ddPCR Supermix for Probes (No dUTP)		18943	6147	127
	NTC						CHECK		Unknown	Unknown	ddPCR Supermix for Probes (no dUTP)		20488	0	204
11 N 12 N	NTC						CHECK		Unknown	Unknown	ddPCR Supermix for Probes (no dUTP) ddPCR Supermix for Probes (no dUTP)		21273 20600	0	2127
	PC					1441.094727			Unknown	Unknown	ddPCR Supermix for Probes (no dUTP)		20600	14438	600
	PC				BDNF	1468.046875			Unknown	Unknown	ddPCR Supermix for Probes (no dUTP)		20465	14589	58
12 F						1419.062134			Unknown	Unknown	ddPCR Supermix for Probes (no dUTP)		20950	14679	62