

Certificate of Analysis

Product Name	Qbest™ X-Green II dsDNA Quantitation Kit Plus																																																																	
Cat.No.	Q2038L	Storage Conditions	Store at 4°C away from light																																																															
Lot.No.	220117L04-02	Expiration Date	16-01-2025																																																															
Molecular Formula	N/A	Molecular Weight	N/A																																																															
CAS Number	N/A	Excitation Emission	Part A: 480/520nm (combine dsDNA)																																																															
Quality Control																																																																		
Items	Specification		Result																																																															
Packaging appearance	Intact and undamaged		Pass																																																															
Appearance	A: Orange liquid, B: Colorless liquid C: Colorless liquid, D: Colorless liquid		Pass																																																															
Weight/volume	A: 1.25-1.3125mL, B: 250-255mL, C: 5-5.25mL, D: 5-5.25mL		Pass																																																															
Appendix																																																																		
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: center;">Standard</th> <th colspan="5" style="text-align: center;">220117L04-02</th> </tr> <tr> <th></th> <th>repeat 1</th> <th>repeat 2</th> <th>Ave</th> <th></th> <th>repeat 1</th> <th>repeat 2</th> <th>Ave</th> <th>CV</th> </tr> </thead> <tbody> <tr> <td>Standard 1</td> <td>39</td> <td>41.73</td> <td>40.365</td> <td>Standard 1</td> <td>26.67</td> <td>26.24</td> <td>26.455</td> <td></td> </tr> <tr> <td>Standard 2</td> <td>16419.3</td> <td>16859</td> <td>16639.1</td> <td>Standard 2</td> <td>16726.1</td> <td>15641.8</td> <td>16183.9</td> <td></td> </tr> <tr> <td>Sample 1</td> <td>8.93</td> <td>8.54</td> <td>8.735</td> <td>Sample 1</td> <td>9.01</td> <td>9</td> <td>9.005</td> <td>3%</td> </tr> <tr> <td>Sample 2</td> <td>19.5</td> <td>18.9</td> <td>19.2</td> <td>Sample 2</td> <td>19.3</td> <td>18.8</td> <td>19.05</td> <td>0.78%</td> </tr> <tr> <td>Sample 3</td> <td>39.3</td> <td>39.8</td> <td>39.55</td> <td>Sample 3</td> <td>40.7</td> <td>37.5</td> <td>39.1</td> <td>1.10%</td> </tr> </tbody> </table>				Standard				220117L04-02						repeat 1	repeat 2	Ave		repeat 1	repeat 2	Ave	CV	Standard 1	39	41.73	40.365	Standard 1	26.67	26.24	26.455		Standard 2	16419.3	16859	16639.1	Standard 2	16726.1	15641.8	16183.9		Sample 1	8.93	8.54	8.735	Sample 1	9.01	9	9.005	3%	Sample 2	19.5	18.9	19.2	Sample 2	19.3	18.8	19.05	0.78%	Sample 3	39.3	39.8	39.55	Sample 3	40.7	37.5	39.1	1.10%
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Conclusion	Up to standard		Report Date	09-02-2022																																																														
QC	WenJun Zhao 09-02-2022		QA	Dina Hua Yu 09-02-2022																																																														

