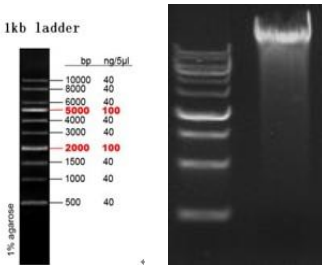


CERTIFICATE OF ANALYSIS

General information

Name	MSS-P1(1.92%) Reference Standard (M19-9751_Tumor)
Catalog No.	CBP80002-1
Lot No.	CGD88341537
Format	Genomic DNA
Buffer	Tris-EDTA
Storage Conditions	-20°C
Date of Manufacture	Oct.-09-2019
Expiry	36 months from the date of manufacture

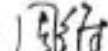
Quality Control

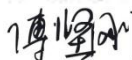
Test Items	Standard	Results	Passed																								
Quantity	1ug/vial*1vial	1ug/vial*1vial	√																								
Concentration	Qubit 3.0	40 ng/uL±10%	√																								
OD260/OD280	1.75~1.9	1.87	√																								
DNA electrophoresis	No Degradation	 <p>1kb ladder</p> <p>bp ng/5ul</p> <p>10000 40 6000 40 4000 40 3000 40 2000 100 1500 40 1000 40 500 40</p> <p>M 1</p> <p>M: Marker 1: MSS-P1(1.92%) Reference Standard (M19-9751_Tumor)</p>	√																								
MSI/MSS	PCR	MSS <table border="1" data-bbox="755 1281 1185 1585"> <thead> <tr> <th colspan="3">M19-9751</th> </tr> <tr> <th>Marker</th> <th>Size 1</th> <th>Size 2</th> </tr> </thead> <tbody> <tr> <td>NR21</td> <td>131.57</td> <td></td> </tr> <tr> <td>Bat26</td> <td>175.23</td> <td></td> </tr> <tr> <td>Bat25</td> <td>118.64</td> <td></td> </tr> <tr> <td>NR27</td> <td>155.3</td> <td></td> </tr> <tr> <td>NR24</td> <td>131.95</td> <td></td> </tr> <tr> <td>Mono27</td> <td>171.74</td> <td></td> </tr> </tbody> </table>	M19-9751			Marker	Size 1	Size 2	NR21	131.57		Bat26	175.23		Bat25	118.64		NR27	155.3		NR24	131.95		Mono27	171.74		√
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Caution:

For research use only.

If you have any questions about the Certificate of Analysis, please contact us.

Certified by:  Date: ****

 Date: ****