

CERTIFICATE OF ANALYSIS

Wild Type Genomic DNA Reference Standard

IMPORTANT: Centrifuge tube prior to opening to prevent loss of product

PRODUCTION INFORMATION		
Manufacturing QMS Status	ISO 9001 and ISO 13485	
PROPERTIES		
Quantity	5μg	
Concentration	50ng/µL	
Buffer	Tris-EDTA (10 mM Tris-HCl, 1 mM EDTA), pH 8.0	
Storage Conditions	+4°C	
Use By	Stable for 36 months from date of manufacture	

QUALITY CONTROL

TEST	TEST METHOD	ACCEPTANCE CRITERIA	PASS/FAIL
Allelic Frequency Genotype	Droplet Digital™ PCR+	 0%, accepted range = ≤0.1% <5%, accepted range = ±30% ≥5% - <10% accepted range = ±20% ≥10% accepted range = ±10% 	Pass
Quality	Agarose gel electrophoresis	Bright band of high molecular weight	Pass
Quantification	Spectrophotometry (A260)	45-55 ng/µl	Pass
	+Acceptance criteria example, 1- <5%, accepted range = $\pm 30\%$, for 1% this represents a range of 0.7 – 1.3%.		

CUSTOMER SUPPORT		
Technical	technical@horizondiscovery.com	
Orders	orders@horizondiscovery.com	

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t: +44 (0)1223 976000 f: +44 (0)1223 655581 e: info@horizondiscovery.com w: www.horizondiscovery.com Horizon Discovery Ltd., Building 8100, Cambridge Research Park, Waterbeach, Cambridge, CB25 9TL, United Kingdom UK Registration No: 05363294 UK VAT No: GB 189 1993 44