

Certificate of Analysis

Quan-Plex™ NGS Reference Standard

Genomic DNA

Manufacturing Quality

ISO 9001:2015

ISO 13485:2016

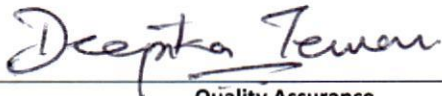
Product Information

Catalog Number	Lot Number		
ARF-1001G-1	ARF1001G291539-1		
Expiration Date	04/27/2019		
Qty/Size/Volume	1 vial		
	Gene	Mutation	Panel Frequency
	EGFR	G719S	5%
	EGFR	ΔE746-A750	5%
	EGFR	T790M	1%
	EGFR	L858R	10%
	KRAS	G12D	2%
	BRAF	V600E	30%
	PIK3CA	H1047L	6%
	PIK3CA	E545K	7%
	NRAS	Q61K	5%
	HRAS	Q61R	3%
	KIT	D816V	10%
Cell Line	RKO/HCT116		
Long Term Storage	-20°C		
Short Term Storage	2-8°C (2 months shelf-life up to 3 freeze/thaw cycles)		
Shipping Condition	Cold Pack		
Instructions for Use	Refer to product Datasheet (Available www.accuref.com)		
Intended Use	For research use only. Not intended for human or animal diagnostic or therapeutic use.		

Quality Control

Test	Method	Acceptance Criteria	Result
Allelic Frequency	Digital PCR	1% - < 5.0% ± 30% 5.0% - 20.0% ± 20% >20.1% ± 10%	Pass
Quantification	Qubit 4.0	45-55 ng/μl	Pass

Applied StemCell, Inc. certifies that this standard meets the specifications stated in this certificate and warrants this product to meet the stated acceptance criteria through the expiration date when stored unopened as recommended.

 Quality Assurance	10/18/2018 Date
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