

Batch Certificate For Research Use Only

PRODUCT INFORMATION AND QUALITY CONTROL				
NAME OF PRODUCT	EGFR-Multiplex 0.1% AF cfDNA in Plasma			
DESCRIPTION	Human proteins in common plasma concentrations, electrolytes,			
	EDTA, cfDNA / ctDNA in common plasma concentrations			
CATALOG NUMBER	SID-000014			
BATCH NUMBER	00036			
MANUFACTURING	 Manufactured and sealed in class 2 safety cabinet 			
CONDITIONS	At room temperature			
PACKAGE SIZE AND	2D barcoded tube with screw cap			
TYPE	Material: Polypropylen (PP)			
DATE OF MANUFACTURE	08.01.2020			
EXPIRY DATE	07.01.2022			
CONCENTRATION	80 ng/ml (ds DNA)			
QUANTITY	400 ng (ds DNA)			
NOMINAL VOLUME	15.8 μl in 5 ml plasma			
MUTATION	p.G719S (COSM6252*, COSV51767289*, substitution, c.2155G>A, Exon 18) p.E746_A750delELREA (COSM6225*, COSV51765066*, deletion, c.2236_2250del15, Exon			
ALLELIC FREQUENCY	19) p.S752_I759deISPKANKEI (COSM6256*, COSV51774879*, deletion, c.2254_2277del24, Exon 19) p.S768I (COSM6241*, COSV51768106* substitution, c.2303G>T, Exon 20) p.V769_D770insASV (COSM20884*, COSV51850427* Insertion, c.2303_2304insTGTGGCCAG, Exon 20) p.T790M (COSM6240*, COSV51765492*, substitution, c.2369C>T, Exon 20) p.T790M (COSM6224*, COSV51765161*, substitution, c.2573T>G, Exon 20) p.L858R (COSM6224*, COSV51765161*, substitution, c.2582T>A, Exon 21) p.L861Q (COSM6213*, COSV51766344*, substitution, c.2582T>A, Exon 21) * GRCh38 COSMIC v90 0.1%			
QUALITY	DNA quantity metrologically traceable to internationally certified			
	reference material ¹ The copy number values are metrologically traceable to the natural units count 1 and ratio 1 and International System of Units (SI) derived units of volume.			
STORAGE CONDITIONS	+ 2-8 °C			



MANUFACTURING AND	SensID GmbH				1 dgc 2/3	
QUALITY CONTROL	Schillingallee 68,	18057 Rostock, Germany				
SITES						
TEST METHOD AND	Quality Control	Test Method	Acceptance			
ACCEPTANCE CRITERIA			criteria			
		Fragment Length Analysis	peak size 167 bp			
	Fragmentation	nentation Agilent High Sensitivity DNA Kit		± 10%		
		(Agilent Technologies)		(151 bp – 181 bp)		
	Total DNA measurement:			ssDNA:		
		Spectrophotometry		n.a. ⁴		
	Quantification	ssDNA [ng/µl] = (A260-		1.0.		
		A320)*38 ^{2,3}		dsDNA:		
		dsDNA measurement ² : Qu		n.a.4		
		dsDNA BR Assay Kit (Invitre	ogen)			
	Allelic	dPCR Analysis ²			% ±60%	
	Frequency	using BioRad QX200™ Syst	(0.04–0.16%)			
RESULTS OF ANALYSIS		Result			PASS/FAIL	
	Fragmentation	173 bp			PASS	
	Quantity26.9 ng/µl (total DNA)25.3 ng/µl (dsDNA)					
		Mutation L858R	AF i	04		
	Allelic	L861Q S768I	0.0			
	Frequency	E746_A750deIELREA	0.0	D7	PASS	
	litequeriey	T790M G719S	0.0			
		V769_D770insASV	0.0			
	Additional inform	S752_I759deISPANKEI	0.0	04		
COMMENTS/REMARKS	Additional information:					
		N) of the respective measure alues of the QC assays performed by			ith an DNA input	

² Measured before spiking in ³ Protocol NK603 – Community Reference Laboratory for GM Food and Feed ⁴not applicable **Phone:** +49 (0) 381 377 182 01 **Net:** <u>www.sens-id</u>

Net: <u>www.sens-id.com</u> SensID GmbH, Schillingallee 68, 18057 Rostock, Germany



Therefore, due to assay properties, there may be deviations in the observed number of copies and allele frequencies compared to the values given here.

Mutation	CN wt⁵/µl	CN mut⁰/µl		
L858R	3491	2		
L861Q	4584	6		
S768I	3200	2		
E746_A750delELREA	3843	3		
T790M	3649	4		
G719S	4130	4		
V769_D770insASV	3362	1		
S752_I759delSPANKEI	2337	1		

Name and position/title of Person authorising the batch release:

Björn Nowack, Managing Director

Date of batch release: 1	3.01.2020
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Signature batch release: Björn Nowack

This document was created electronically and is valid without a signature.

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