

Batch Certificate For Research Use Only

PRODUCT INFORMATION AND QUALITY CONTROL

NAME OF PRODUCT	Ashkenazim son gDNA (EGFR)
DESCRIPTION	Ashkenazim son gDNA (EGFR) is a highly characterized human DNA from cell lines.
CATALOG NUMBER	SID-0004
BATCH NUMBER	00003
MANUFACTURING CONDITIONS	<ul style="list-style-type: none"> • Manufactured und sealed in clean ISO 5 safety cabinet • Bottled with qualified liquid handling workstation • At room temperature
PACKAGE SIZE AND TYPE	<ul style="list-style-type: none"> • 2 D barcoded tube with screw cap • Material: Polypropylen (PP)
DATE OF MANUFACTURE	09 Nov 2018
EXPIRY DATE	09 Nov 2019
CONCENTRATION	50 ng/μl
QUANTITY	5 μg
NOMINAL VOLUME	100 μl
MUTATION	<p>p.G719S (COSM6252*, substitution, c.2155G>A, Exon 18)</p> <p>p.E746_A750delELREA (COSM6225*, deletion, c.2236_2250del15, Exon 19)</p> <p>p.S752_I759delSPKANKEI (COSM6256*, deletion, c.2254_2277del24, Exon 19)</p> <p>p.S768I (COSM6241*, substitution, c.2303G>T, Exon 20)</p> <p>p.V769_D770insASV (COSM20884*, Insertion, c.2303_2304insTGTGGCCAG, Exon 20)</p> <p>p.T790M (COSM6240*, substitution, c.2369C>T, Exon 20)</p> <p>p.L858R (COSM6224*, substitution, c.2573T>G, Exon 21)</p> <p>p.L861Q (COSM6213*, substitution, c.2582T>A, Exon 21)</p> <p><small>* GRCh38 COSMIC v88</small></p>
ALLELIC FREQUENCY	0,0%
QUALITY	Quantity traceable to internationally certified reference material ¹
STORAGE CONDITIONS	+ 2 – 8 °C
MANUFACTURING AND QUALITY CONTROL SITES	SensID GmbH Schillingallee 68, 18057 Rostock, Germany


¹ERM-AD442k
Phone: +49 (0) 381 377 182 01

**TEST METHOD AND
ACCEPTANCE CRITERIA**

Quality Control	Test Method	Acceptance criteria
Quality	Agarose gel electrophoresis 1% Gel with fluorescent DNA stain in 1 % TAE buffer	Bright band of high-molecular-weight gDNA ≥ 20 kb
Quantification	Spectrophotometry ssDNA [ng/μl] = (A260-A320)*38 ¹	48,5 – 51,5 ng/μl
Allelic Frequency	dPCR Analysis ² using BioRad QX200™ System	AF 0,0% (0,00-0,00%)

¹ Protocol NK603 – Community Reference Laboratory for GM Food and Feed

RESULTS OF ANALYSIS

	Result	PASS/FAIL																		
Quality		PASS																		
Quantification	50,8 ng/μl	PASS																		
Allelic Frequency	<table border="1"> <thead> <tr> <th>Mutation</th> <th>AF in %</th> </tr> </thead> <tbody> <tr><td>L858R</td><td>0,0</td></tr> <tr><td>L861Q</td><td>0,0</td></tr> <tr><td>S768I</td><td>0,0</td></tr> <tr><td>E746_A750delELREA</td><td>0,0</td></tr> <tr><td>T790M</td><td>0,0</td></tr> <tr><td>G719S</td><td>0,0</td></tr> <tr><td>V769_D770insASV</td><td>0,0</td></tr> <tr><td>S752_I759delSPANKEI</td><td>0,0</td></tr> </tbody> </table>	Mutation	AF in %	L858R	0,0	L861Q	0,0	S768I	0,0	E746_A750delELREA	0,0	T790M	0,0	G719S	0,0	V769_D770insASV	0,0	S752_I759delSPANKEI	0,0	PASS
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COMMENTS/REMARKS

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

Mr. Björn Nowack / Managing Director

Date of batch release: 10 Nov. 2018

Signature batch release: Björn Nowack

² Measured after spiking in
Phone: +49 (0) 381 377 182 01



Bringing Precision to MD_x

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