

## Batch Certificate

### For Research Use Only


#### PRODUCT INFORMATION AND QUALITY CONTROL

<b>NAME OF PRODUCT</b>	Ashkenazim son gDNA		
<b>DESCRIPTION</b>	Ashkenazim son gDNA is a highly characterized human DNA from cell lines.		
<b>CATALOG NUMBER</b>	SID-000004		
<b>BATCH NUMBER</b>	00041		
<b>MANUFACTURING CONDITIONS</b>	<ul style="list-style-type: none"> <li>• Manufactured and sealed in class 2 safety cabinet</li> <li>• At room temperature</li> </ul>		
<b>PACKAGE SIZE AND TYPE</b>	<ul style="list-style-type: none"> <li>• 2D barcoded tube with screw cap</li> <li>• Material: Polypropylen (PP)</li> </ul>		
<b>DATE OF MANUFACTURE</b>	13 Feb 2020		
<b>EXPIRY DATE</b>	12 Feb 2022		
<b>CONCENTRATION</b>	50 ng/ml (dsDNA)		
<b>QUANTITY</b>	5 µg (dsDNA)		
<b>NOMINAL VOLUME</b>	100 µl		
<b>QUALITY</b>	DNA quantity metrological traceable to internationally certified reference material <sup>1</sup>		
<b>STORAGE CONDITIONS</b>	+ 2-8 °C		
<b>MANUFACTURING AND QUALITY CONTROL SITES</b>	SensID GmbH Schillingallee 68, 18057 Rostock, Germany		
<b>TEST METHOD AND ACCEPTANCE CRITERIA</b>	<b>Quality Control</b>	<b>Test Method</b>	<b>Acceptance criteria</b>
	<b>Quality</b>	Agarose gel electrophoresis 1% Gel with fluorescent DNA stain in 1 % TAE buffer	Bright band of high-molecular-weight gDNA ≥ 20 kb
	<b>Quantification</b>	Total DNA measurement: Spectrophotometry ssDNA [ng/µl] = (A260-A320)*38 <sup>2</sup> dsDNA measurement: Qubit dsDNA BR Assay Kit (Invitrogen)	Total DNA: n.a. <sup>3</sup> dsDNA: 48.5 – 51.5 ng/µl
<b>RESULTS OF ANALYSIS</b>	<b>Result</b>		<b>PASS/FAIL</b>

<sup>1</sup> ERM\_AD442K

<sup>2</sup> Protocol NK603 – Community Reference Laboratory for GM Food and Feed

<sup>3</sup> not applicable

	Quality		PASS
	Quantity	51,1 ng/μl (dsDNA) 62,8 ng/μl (total DNA)	PASS
COMMENTS/REMARKS	-		

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

Mr. Björn Nowack

Date of batch release: 25.02.2020

Signature batch release: Björn Nowack

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