

## Certificate of Analysis

### SALSA® MLPA® Reagent Kit

<b>Catalogue #</b>	<b>EK5-FAM</b>	
<b>Product name</b>	<b>SALSA MLPA Reagent Kit</b>	
	<b>26.0005</b>	
	500 reactions.	
	Expiration date: October 2028.	
<b>Quality control specifications</b>		
Reagent kit components	<ul style="list-style-type: none"> <li>- Test with selected quality control probemixes to check for hybridization speed, ligase-65 activity and polymerase activity. Variation of primer peaks between new and old lots is &lt;20%. Variation within the reference sample population and within the sample population is &lt;10% (maximum stdv 0.10). Residual primer% is below 40%. Probe ratio of special testing probes is between 0.8-1.2. No DNA reaction only shows the 64, 70, 76 and 82 nt control fragments.</li> <li>- Primer-dimer-like peak formation is tested on the PCR Primer mix by using a mix of LPOs that have extensive homology with the PCR Primers. The primer-dimer-like peak is lower than threefold the average height of the probe peaks.</li> <li>- Ligase Buffer B conductivity variation between lots is &lt;10%.</li> <li>- Tests performed (not on Ligase Buffer A and Ligase-65) on 5 ng DNA to determine variation of the primer peaks. This variation should be ≤20%.</li> <li>- Stability test (incubation for 1 week at 37°C). Variation of primer peaks between new and old lots is &lt;20%. Variation within the reference sample population and within the sample population is &lt;10% (maximum stdv 0.10). Residual primer % is below 40%. Probe ratio of special testing probes is between 0.8-1.2. No DNA reaction only shows the 64, 70, 76 and 82 nt control fragments. Sloping is &lt;60%.</li> </ul>	Test result
	PASS	
Assembled reagent kit	<ul style="list-style-type: none"> <li>- Test with selected quality control probemix on male and female samples to check for correct fragment profile under normal testing conditions.</li> </ul>	PASS

**This lot was certified by MRC Holland on 04 March 2026.**

This certificate is a declaration of analysis at the time of the manufacturing process. All assays were run in compliance with manufacturer's instructions for use.

<b>More information:</b> <a href="http://www.mrcholland.com">www.mrcholland.com</a>	
	MRC Holland BV; Willem Schoutenstraat 1 1057 DL, Amsterdam, The Netherlands
E-mail	<a href="mailto:info@mrcholland.com">info@mrcholland.com</a> (information & technical questions) <a href="mailto:order@mrcholland.com">order@mrcholland.com</a> (orders)
Phone	+31 888 657 200

**Implemented changes in the COA**

Version 01 – 04 March 2026 (01)  
- Not applicable, new document.