Certificate of Analysis
SALSA® Artificial Duplication DNA SD024

Catalogue #	**SD024**
Product name	**SALSA Artificial Duplication DNA SD024**
LOT	**S01-0324**

Σ	20 reactions.
Shipping conditions	Dry ice or cooling elements.
	Store upon arrival between -25 °C and -15 °C.
	Expiry date: March 2029, when stored at recommended conditions.
Purpose	To be used with SALSA MLPA Probemixes P002-D1 BRCA1, P045-D1 BRCA2/CHEK2, P077-B1 BRCA2 Confirmation, P087-D1 BRCA1 Confirmation and P090-C1 BRCA2, SALSA MLPA reagent kits, and Coffalyser.Net™ analysis software as described in the MLPA General Protocol and the corresponding probemix product descriptions.

Quality control specifications		Test result
	- For probes in SALSA MLPA Probemixes P002-D1 BRCA1, P045-D1 BRCA2/CHEK2, P077-B1 BRCA2 Confirmation, P087-D1 BRCA1 Confirmation and P090-C1 BRCA2, generating a heterozygous duplication of corresponding target sequences when tested with SALSA Artificial Duplication DNA SD024, the following applies: probe ratios are not repeatedly outside the range of 1.35-1.65 and the average of the probe ratios is within 1.4-1.55. - The 105 nt chromosome Y specific control fragment generates a signal on SALSA Artificial Duplication DNA SD024 which is similar (±20%) to the signal obtained on wild-type male genomic DNA. - Probes in SALSA MLPA Probemixes P002-D1 BRCA1, P045-D1 BRCA2/CHEK2, P077-B1 BRCA2 Confirmation, P087-D1 BRCA1 Confirmation and P090-C1 BRCA2 other than the probes that generate a heterozygous duplication of corresponding target sequences when tested with SALSA Artificial Duplication DNA SD024, show a normal signal, similar to the peak pattern obtained on wild-type genomic DNA.	PASS

This lot was certified by MRC Holland on 28-May-2024.

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.

More information: www.mrcholland.com; www.mrcholland.eu	
	MRC Holland bv; Willem Schoutenstraat 1 1057 DL, Amsterdam, The Netherlands
E-mail	info@mrcholland.com (information & technical questions) order@mrcholland.com (orders)
Phone	+31 888 657 200

Implemented changes in the COA
Version 01 – 22 July 2024 (03) - Not applicable, new document.