

Product Description

SALSA® MLPA® Reagent Kit

To be used with the (MS-)MLPA General Protocol.

Catalogue numbers

- **EK1-FAM:** SALSA MLPA EK1 reagent kit 100 rxn – FAM
- **EK1-Cy5.0:** SALSA MLPA EK1 reagent kit 100 rxn – Cy5.0
- **EK5-FAM:** SALSA MLPA EK5 reagent kit 500 rxn – FAM
- **EK5-Cy5.0:** SALSA MLPA EK5 reagent kit 500 rxn – Cy5.0
- **EK20-FAM:** SALSA MLPA EK20 reagent kit 2000 rxn - FAM

Intended purpose

SALSA MLPA Reagent Kit is an in vitro diagnostic (IVD)¹ or research use only (RUO) reagent to be used in combination with a SALSA (MS-)MLPA probemix² as described in the (MS-)MLPA General Protocol.

¹ SALSA MLPA Reagent Kit is registered for in vitro diagnostic (IVD) use in countries specified at the end of this product description. In all other countries, SALSA MLPA Reagent Kit is for research use only (RUO).

² To be used in combination with Coffalyser.Net™ analysis software, SALSA Hhal, and SD0XX as specified in the product description of the application-specific probemix.

SALSA MLPA reagent kit contents

Reagent kit component	Volumes			Ingredients
	EK1	EK5	EK20	
SALSA MLPA Buffer (yellow cap)	180 µl	5×180 µl	5×700 µl	KCl, Tris-HCl, EDTA, PEG-6000, DTT, oligonucleotides
SALSA Ligase-65 (green cap)	115 µl	5×115 µl	5×460 µl	Glycerol, EDTA, DTT, KCl, Tris-HCl, non-ionic detergent, Ligase-65 enzyme (bacterial origin)
SALSA Ligase Buffer A (transparent cap)	360 µl	5×360 µl	5×1420 µl	Coenzyme NAD (bacterial origin)
SALSA Ligase Buffer B (white cap)	360 µl	5×360 µl	5×1420 µl	Tris-HCl, MgCl ₂ , non-ionic detergent
SALSA PCR Primer Mix (brown cap)	240 µl	5×240 µl	5×940 µl	Synthetic oligonucleotides with fluorescent dye (FAM or Cy5), dNTPs, Tris-HCl, KCl, EDTA, non-ionic detergent
SALSA Polymerase (orange cap)	65 µl	5×65 µl	5×240 µl	Glycerol, non-ionic detergents, EDTA, DTT, KCl, Tris-HCl, Polymerase enzyme (bacterial origin)

None of the ingredients are derived from humans, animals, or pathogenic bacteria. Based on the concentrations present, none of the ingredients are hazardous as defined by the Hazard Communication Standard. **A Safety Data Sheet (SDS) is not required for these products:** none of the preparations contain dangerous substances (as per Regulation (EC) No 1272/2008 [EU-GHS/CLP] and amendments) at concentrations requiring distribution of an SDS (as per Regulation (EC) No 1272/2008 [EU-GHS/CLP] and 1907/2006 [REACH] and amendments). If spills occur, clean with water and follow appropriate site procedures.

Instructions for use

See (MS-)MLPA General Protocol, available at www.mrcholland.com.






Precautions and warnings

For professional use only. Always consult the most recent probemix product description AND the (MS-)MLPA General Protocol before use: www.mrcholland.com. It is the responsibility of the user to be aware of the latest scientific knowledge of the application before drawing any conclusions from findings generated with this product. Always vortex thawed buffers, followed by brief centrifugation, never vortex the enzymes and pipette enzymes and buffers when at room temperature. Additionally, pipette Ligase Buffer B with care to prevent the formation of bubbles.

Storage and shelf life

All components of the SALSA MLPA Reagent Kit must be stored directly upon arrival at -15°C to -25°C in the dark and in the original package. The reagent kits should not be aliquoted. If precipitate is observed in the SALSA MLPA Buffer, it can be heated under warm water (65-70°C) for a few minutes, cooled down to room temperature, and vortexed until precipitate disappears before use. When stored under the recommended conditions, a shelf life of at least 1 year is guaranteed. Check the label on each individual reagent vial for the expiry date. Reagents should not be exposed to more than 25 freeze-thaw cycles.

More information: www.mrcholland.com ; www.mrcholland.eu	
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EK1 EK5		EUROPE*  COLOMBIA MOROCCO ISRAEL
EK20		EUROPE*  ISRAEL
EK1 EK5 EK20		ALL OTHER COUNTRIES

*comprising EU (candidate) member states, members of the European Free Trade Association (EFTA), and the UK. The product is for RUO in all other European countries.

Implemented changes in the product description
<p><i>Version 06 – 28 May 2021</i></p> <ul style="list-style-type: none"> - Product description had been previously discontinued as all pertinent information can also be found in the (MS-)MLPA General Protocol. - EK20 information added. - Intended purpose updated. - Warning added to storage and shelf life that SALSA MLPA Reagent Kits should not be aliquoted. - Instructions added in case a precipitate is observed in SALSA MLPA buffer. - Sections on materials required but not provided and MLPA technique removed as this information can be found in the (MS-)MLPA General Protocol and probemix-specific product description. <p><i>Version 05 – 05 October 2015</i></p> <ul style="list-style-type: none"> - Description restructured. - Intended use changed. - Various textual changes. - IVD symbol removed.