

# MRC Holland Support

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## How should I store DNA samples?

This article was retrieved from [MRC Holland Support \(support.mrcholland.com\)](https://support.mrcholland.com) on Thursday, 18th December 2025.

If you have samples you use frequently, such as reference samples or positive samples, we recommend making aliquots and storing these at -20°C. One aliquot at a time can then be stored at 4°C.

DNA extracted for MLPA or digitalMLPA analysis should ideally be stored in TE<sub>0.1</sub> (10 mM Tris-HCl pH 8.0 + 0.1 mM EDTA), as this increases stability as opposed to storage in water ([more information](#)).

## Background

Long-term storage at 4°C may degrade sample quality. Evaporation can increase the concentration of impurities, such as EDTA, which can inhibit downstream reactions. The growth of microorganisms can also degrade sample quality and introduce metabolites that can inhibit reactions.

- [Tags](#)
- [digitalMLPA](#)
- [Melt Assay](#)
- [MLPA](#)

## Related Content

- [What are the sample and buffer requirements for MLPA and digitalMLPA?](#)

## Disclaimer

The information provided in this material is correct for the majority of our products. For certain applications, the instructions for use may differ. In the event of conflicting information, the relevant instructions for use take precedence.