METHYLDETECT
DNA METHYLATION ASSAYS

Technical Guide: MS-HRM For Methylation Detection In Liquid Biopsies

Introduction & Sample Source

Tumor DNA is secreted into body fluids that come in direct contact with the tumor site. Body fluids such as urine, plasma, or sputum containing DNA from the tumor site are referred to as liquid biopsies.

Due to its nature, liquid biopsies can be obtained in a non-invasive or almost non-invasive manner, which makes them a very attractive sample source for molecular diagnostics (see: PMID: 29872715).

Clinical Relevance & Detection

DNA methylation biomarkers have been shown to be readily detectable in liquid biopsies. Moreover, tests for early cancer detection or relapse monitoring are already in use in clinical disease management.

Methylation-Sensitive High-Resolution Melting (MS-HRM) is a technology that can be utilized for methylation biomarker detection in liquid biopsies.

Assay Support & Applications

Methyl Detect is dedicated to making MS-HRM technology accessible to clinical and academic researchers worldwide. We offer pre-validated, ready-to-use DNA methylation assays and reagents compatible with standard qPCR equipment.

For technical assistance or to request a quote, contact our team at info@methyldetect.com or visit www.methyldetect.com.

Methyl Detect ApS
CVR: DK38322761
Technical Support & Quotes: info@methyldetect.com www.methyldetect.com
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