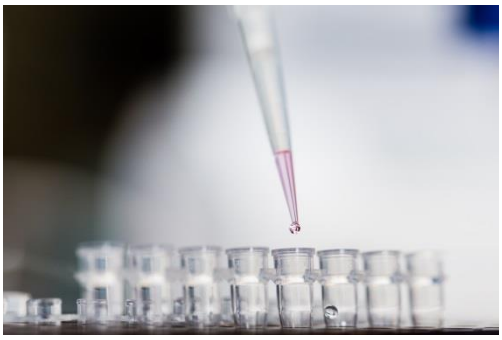
TwistDx

Product Highlights

Recombinase Polymerase Amplification



The Breakthrough Isothermal Alternative to PCR

Recombinase Polymerase Amplification (RPA), is transforming our ability to amplify and detect nucleic acids in laboratory and resource-limited field settings. TwistDx™ isothermal nucleic acid amplification technology, Recombinase Polymerase Amplification (RPA), represents a hugely versatile alternative to polymerase chain reaction (PCR) for the development of fast, portable, nucleic acid detection assays. Inherently adaptable to applications as diverse as infectious disease diagnostics and food contamination tests, RPA is ideally suited to field, point-of-care and other settings with minimal resources, and particularly to situations where speed is essential. Easily transportable, user friendly and highly sensitive, RPA is as specific as PCR amplification but is much, much faster. Results are typically generated within 3-10 minutes. And unlike PCR, the RPA reaction doesn't require thermal or chemical melting, so there's no need for an expensive thermoycler or any additional equipment or reagents.