

MDx Technology

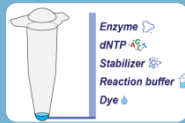
Biological marker identification for molecular diagnostics (MDx)

- LiliF™ MDx Technology is an innovative system to detect specific sequences in DNA & RNA
- Including 4 different types of technologies to establish an easy protocol of test and maximize performance

Maxime™ Technology

★ All-in-One type

- Gene amplification, the core process of molecular diagnostics could be easily and accurately conducted.
- All PCR components are Premixed & Aliquoted in each tube to prevent from contamination



RTS™ Technology

★ Room Temperature Stability

- The world-class performance and stability of premix kit
- Optimized for diagnostic research by maximizing stability of products
- Prevention of activity degradation by excluding artificial additives and removing water completely



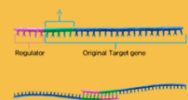
4 Types of LiliF™ MDx Technologies

CLP™ Technology

★ Improvement of specificity and sensitivity

- Platform technology of primer design
- Primer locking by CLP Homodimer
- Reducing non-specific amplification

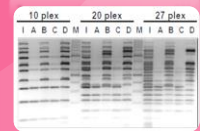
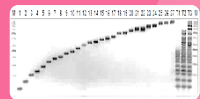
Structure of CLP™ Technology



MPF™ Technology

★ Multiplex, Max up to 27 plex

- Rapid amplification of PCR products using any thermal cycler
- High specificity by Hot Start PCR
- The highest existing multiplex: 27plexes



Customizing Service

Customizing service provides a product that matches or comes close to your ideal product.

Consulting with customer

Internal review

Production planning

Supplying product

Customer verification

Informing outcome

Production & Quality control