



## FluoroType<sup>®</sup> Technology

- Results at a glance

### FluoroType<sup>®</sup> technology for reliable diagnostics

- **Innovative:** Wide range of test systems powered by fluorescence-based molecular diagnostic techniques including our pioneering LiquidArray<sup>®</sup> technology for multiplexing.
- **Reliable results at one glance:** The test-specific FluoroSoftware<sup>®</sup> evaluates the results and displays them automatically and clearly.
- **Maximum confidence:** High sensitivity and specificity with all test systems.
- **User-friendly:** Fully validated and integrated workflow ensures perfect integration into your daily lab routine.

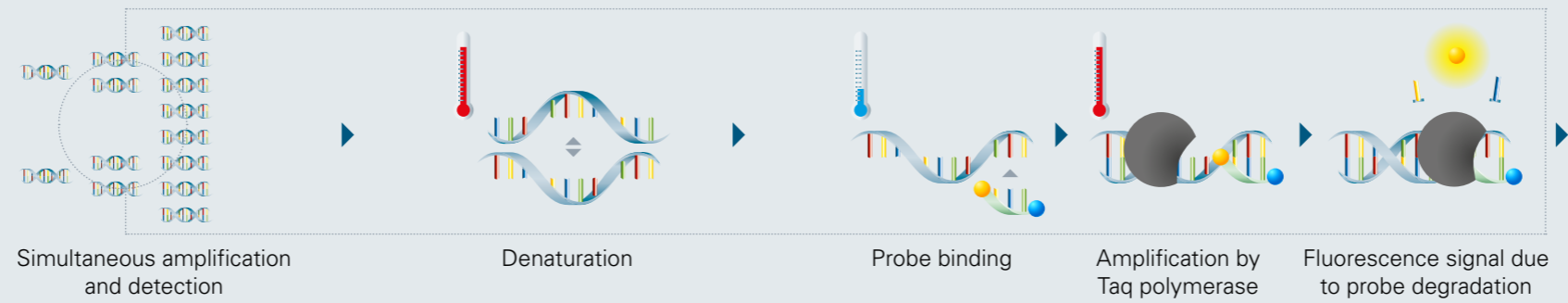
# FluoroType<sup>®</sup> technology

## Extracted nucleic acid

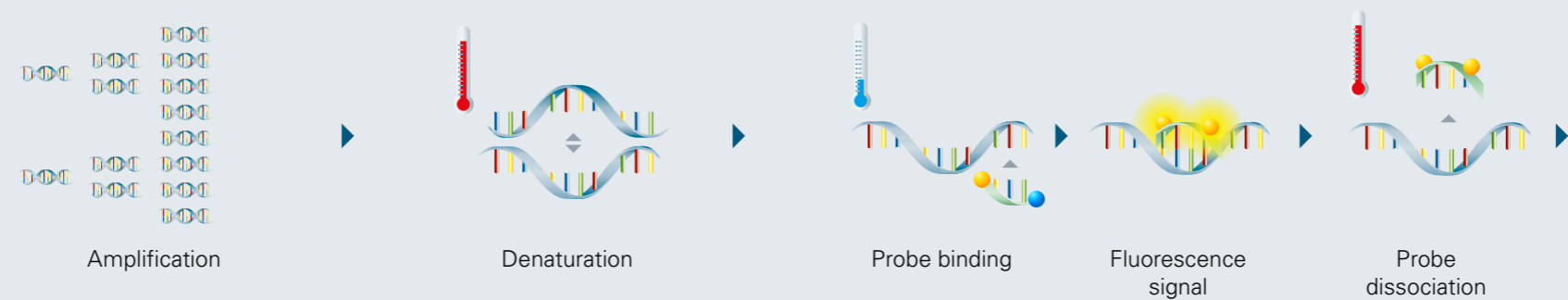


## Amplification and detection

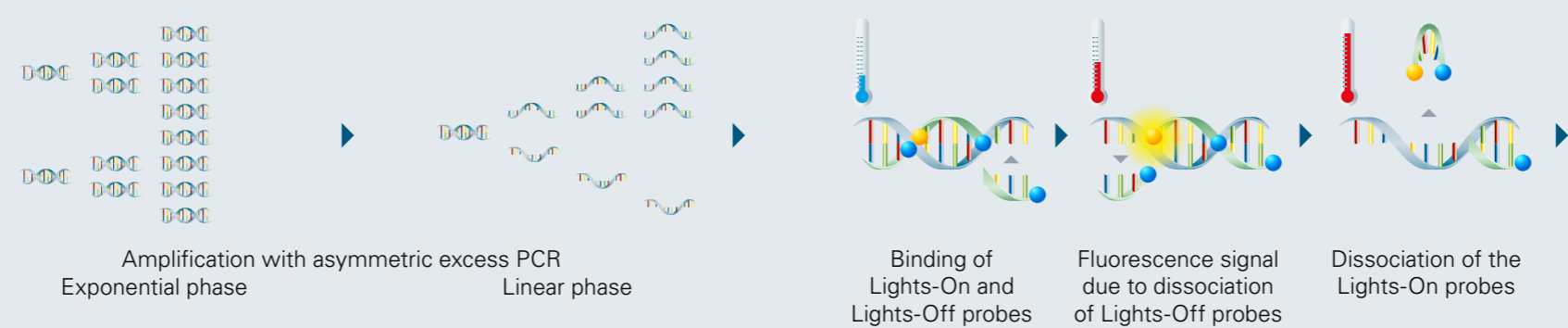
### PCR with hydrolysis probes



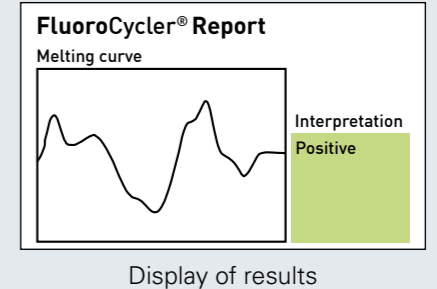
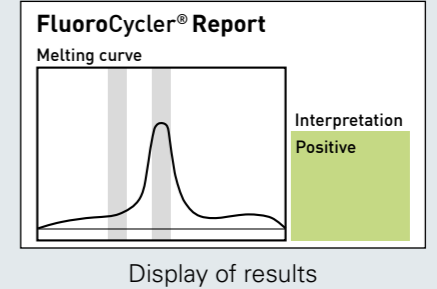
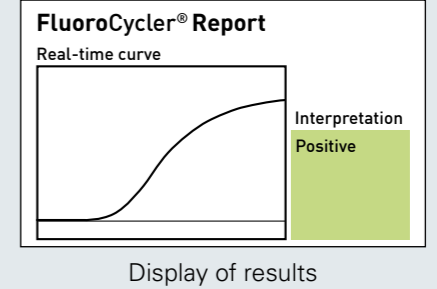
### PCR with hybridization probes



### LiquidArray<sup>®</sup> (powering multiplex syndromic panels)



## Analysis



## FluoroType® Assay Portfolio

### Microbiology

<b>FluoroType® Bordetella</b>	<i>B. pertussis</i> and <i>B. parapertussis</i> from swabs (nasopharynx, nose and throat)
<b>FluoroType® Borrelia</b>	<i>Borrelia</i> spp. from EDTA whole blood, CSF and synovial fluid
<b>FluoroType® CT</b>	<i>C. trachomatis</i> from cervical swabs, urine and ejaculate
<b>FluoroType® MRSA VER 3.0</b>	MRSA from swab (nose, throat, skin and wounds)
<b>FluoroType® MTB VER 1.0</b>	<i>M. tuberculosis</i> complex from decontaminated pulmonary and extrapulmonary samples
<b>FluoroType® MTB VER 2.0</b>	<i>M. tuberculosis</i> complex from decontaminated sputum
<b>FluoroType® MTBDR VER 2.0</b>	MDR-TB from decontaminated sputum and culture
<b>FluoroType® Mycobacteria VER 1.0</b>	Detection and differentiation of 32 clinically relevant nontuberculous mycobacteria (NTM) and the <i>M. tuberculosis</i> complex from culture
<b>FluoroType® NG</b>	<i>N. gonorrhoeae</i> from swabs (urethra and cervix) and urine

### Respiratory diseases

<b>FluoroType® SARS-CoV-2 plus</b>	Detection of SARS-CoV-2 and four endemic human coronaviruses from swabs
<b>FluoroType® SARS-CoV-2 varID Q</b>	Quantitative detection of SARS-CoV-2 and differentiation of relevant mutations from swabs
<b>FluoroType® SARS-CoV-2/Flu/RSV</b>	Detection and differentiation of SARS-CoV-2, influenza A virus, influenza B virus and RSV from swabs and saliva

### Virology

<b>FluoroType® BKV</b>	Quantitative detection of BKV from EDTA plasma and urine
<b>FluoroType® CMV</b>	Quantitative detection of CMV from EDTA plasma and urine
<b>FluoroType® EBV</b>	Quantitative detection of EBV from EDTA plasma
<b>FluoroType® HSV</b>	Detection and differentiation of HSV-1 and HSV-2 from swabs and cerebrospinal fluid (CSF)
<b>FluoroType® Parvovirus B19</b>	Quantitative detection of Parvovirus B19 from EDTA plasma
<b>FluoroType® VZV</b>	Detection of VZV from swabs and cerebrospinal fluid (CSF)

### Syndromic testing

<b>FluoroType® STI</b>	Detection and differentiation of seven major STI-causing pathogens from swabs (endocervical, vaginal and urethral) and urine
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### Human genetics

<b>FluoroType® Factor II</b>	Sample material: EDTA or citrated whole blood Detection of Factor II mutation G20210A
<b>FluoroType® Factor V</b>	Detection of Factor V Leiden mutation G1691A
<b>FluoroType® HH H63D</b>	Detection of HFE H63D mutation
<b>FluoroType® HH C282Y</b>	Detection of HFE C282Y mutation
<b>FluoroType® HLA-B27</b>	Detection of HLA-B27 gene
<b>FluoroType® LCT</b>	Detection of -13910 C/T polymorphism in the lactase gene
<b>FluoroType® MTHFR C677T</b>	Detection of 677 C/T polymorphism in the MTHFR gene

Please contact your local representative for availability in your country. Not for sale in the USA.

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