



# Devysr Resolution

## Rapid prenatal aneuploidy detection

Devysr Resolution is a collection of CE-IVD kits for the rapid quantitative analysis for stand alone, resolution or reflex testing of chromosomes 13, 18, 21 or X and Y.

Each chromosome is analyzed by a separate reagent kit.

### Rapid prenatal aneuploidy analysis of chromosomes 13, 18, 21 or XY

Suitable for rapid reflex testing of STR markers on chromosomes 13, 18, 21 or XY when additional informative markers are needed for conclusive results.

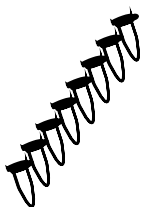
### Requires minimal amounts of genomic DNA

Only 2-30 ng of input DNA required.

### CE-IVD validated workflow

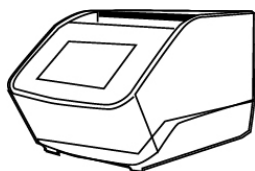
Standardised and validated routine workflow according to the European Regulations and guidelines.

### Simple QF-PCR workflow



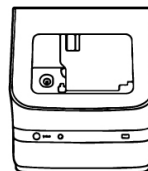
#### Sample preparation

Low amount of genomic DNA required



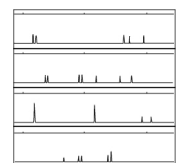
#### PCR amplification

Multiplex PCR using primers designed to amplify the DNA sequences specific to each chromosome of interest



#### Capillary electrophoresis

Analyze size of amplified DNA fragments on a Genetic Analyzer



#### Data interpretation

Separate and identify DNA fragments based on size and color

## Key features and benefits of Devyser Resolution

- No cell culture required
- Simple procedure requiring less than 90 min. of hands-on time
- Results in less than five hours allowing delivery of results in a single day
- All reagents are ready for use, minimizing the time required for PCR set-up and the risk of sample contamination
- The quality of the kits and the high number of informative markers enable confidence in the high resolution results

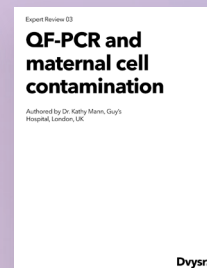
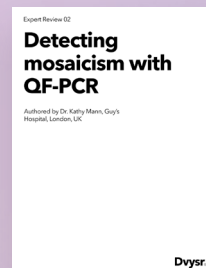
## Total number of markers per mix

Devyser Resolution 13	9 markers
Devyser Resolution 18	9 markers
Devyser Resolution 21	9 markers
Devyser Resolution XY	17 markers

## Discover our Expert Reviews on rapid aneuploidy testing:

01. Introduction to QF-PCR
02. Detecting mosaicism with QF-PCR
03. QF-PCR and maternal cell contamination

## [devyser.com/resources/whitepapers](https://devyser.com/resources/whitepapers)



## Article numbers

### CE-IVD kits

- Devyser Resolution 13  
25 tests (8-A012.2-13)
- Devyser Resolution 18  
25 tests (8-A012.2-18)
- Devyser Resolution 21  
25 tests (8-A012.2-21)
- Devyser Resolution XY  
25 tests (8-A012.2-XY)

### RUO kits

- Devyser Resolution 13  
25 tests (8-A012.2-13-RUO)
- Devyser Resolution 18  
25 tests (8-A012.2-18-RUO)
- Devyser Resolution 21  
25 tests (8-A012.2-21-RUO)
- Devyser Resolution XY  
25 tests (8-A012.2-XY-RUO)

## Accessories

- 560 SIZER ORANGE  
8-A402
- Devyser DEV-5 Dye-set  
8-A401 (MultiCap)  
8-A400 (SingleCap)

CE-IVD is available in the EU and countries outside EU accepting the CE-IVD certification. Available as RUO in all other countries.

[www.devyser.com](https://www.devyser.com)