

Devyser AZF v2

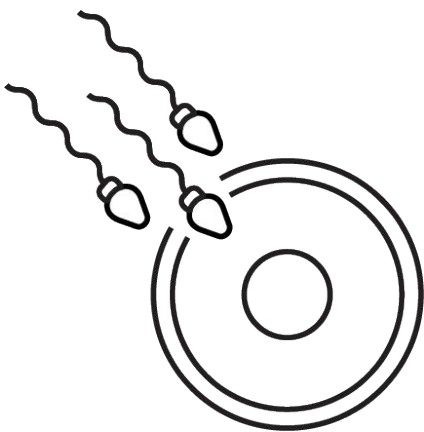
Devyser AZF Extension v2

State-of-the-art AZF microdeletion detection

Comprehensive solution for AZF deletion analysis

Devyser AZF v2 and Devyser AZF Extension v2 testing kits offer unique one-tube solutions that simplify the laboratory workflow, reduce hands-on time, and minimize the risk of sample mix-up and contamination during both basic and extended AZF analysis. We are committed to developing and maintaining rapid, state-of-the-art Y-chromosome microdeletion testing.

The testing relies on PCR amplification of sequence tagged sites (STS) in the AZFa, AZFb and AZFc regions on the Y-chromosome. All STS markers and control sequences recommended by the European Academy of Andrology (EAA) and the European Quality Monitoring Network Group (EMQN) for basic and extended molecular analysis of Y-chromosomal microdeletions in the AZFa, AZFb, and AZFc regions are included in the kits.



One-tube solutions

Both Devyser AZF v2 and Devyser AZF Extension v2 use a single tube, so there is no need for sample splitting, thereby reducing hands-on time and the risk of contamination or sample mix up.

Devyser AZF v2

Detection of all key markers for basic AZF microdeletion testing

Detection of all basic and control markers as recommended by the EAA and the EMQN for molecular diagnosis of Y-chromosomal microdeletions. Devyser AZF v2 an optimized number of markers to facilitate interpretation and secure an accurate result.

Devyser AZF Extension v2

Offers extended Y-chromosomal AZF microdeletion testing including marker sY1224

Devyser AZF Extension v2 adds sY1064 to better detect complete AZF deletions, and sY1224 to give improved indication of breakpoints for several complete AZFb and AZFc deletions when sY121 is deleted.

Research Use Only. Not for use in diagnostic procedures.

Dvysr®

Devyser – a new level of certainty

   @Devyser

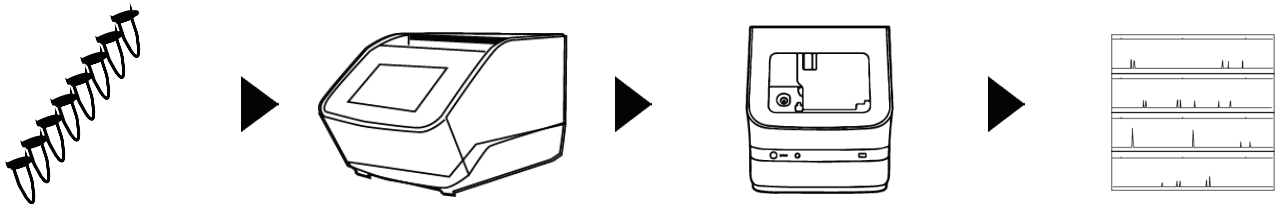
www.devysr.com

Our AZF products match the latest male infertility research advancements

Automatic identification of STS markers using capillary electrophoresis

The use of fluorescent-labelled primers for all markers allows automated visualization and identification of the STS markers using a Genetic Analyzer.

Simple workflow



Sample preparation

Low amount of genomic DNA required

PCR amplification

Multiplex PCR using primers designed to amplify the DNA sequences

Capillary electrophoresis

Analyze size of amplified DNA fragments on a Genetic Analyzer

Data interpretation

Separate and identify DNA fragments based on size and color

Devysr AZF v2

Pack size: 25

Target:

- AZFa region: sY86, sY84
- AZFb region: sY127, sY134
- AZFc region: sY255, sY254
- Controls: ZFX, Y14

Devysr AZF Extension v2

Pack size: 25

Target:

- AZFa region: sY82, sY1064, sY1065, sY88,
- AZFb region: sY105, sY121, sY1224, sY1192, sY153
- AZFc: sY1191 (gr/gr), sY1291 (gr/gr), sY160 (heterochromatin)
- Controls: ZFX, Y14

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Article numbers

- AZF v2 (RUO): 8-A019.2-RUO
- AZF Extension v2 (RUO): 8-A415

Accessories

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

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