

# Molecular Diagnosis of Male Factor Infertility

Yourgene® Male Factor Infertility *Base*



The Yourgene® Male Factor Infertility *Base* assay detects both sex chromosome aneuploidy and Y-chromosome microdeletions in a single tube using QF-PCR (Quantitative Fluorescence-Polymerase Chain Reaction) technique, employing a CE Genetic Analyzer platform. The Yourgene® Male Factor Infertility *Base* assay uses EAA/ EMQN prescribed markers and primers to detect Y-chromosome microdeletions affecting the AZFa, AZFb and AZFc regions in accordance with best practice guidelines.

## Key Benefits

### Simple to use

- A single workflow solution for the molecular diagnosis of Male Factor Infertility
- Single tube assay
- Simultaneous detection of AZF deletions and sex chromosome aneuploidies
- Primers are optimally balanced - reduction in uninterpretable samples

### Rapid turnaround time

- Individual results can be obtained within a few hours of receipt of sample
- Ready to use reagents

### High quality CE-IVD marked product

- In addition, registered with Health Canada/TGA/SFDA

### QF-PCR based assay

- Low failure rates
- Ability to identify material genome contamination

## Yourgene® Male Factor Infertility *Plus*

The Yourgene® Male Factor Infertility *Plus* assay is a single tube extension assay used in conjunction with the Yourgene® Male Factor Infertility *Base* assay which contains 11 additional markers for characterisation of Y-chromosome microdeletions in line with published guidelines. The Yourgene® Male Factor Infertility *Plus* assay runs on the same CE Genetic Analyzer platform as the Yourgene® Male Factor Infertility *Base* assay using the same running conditions.

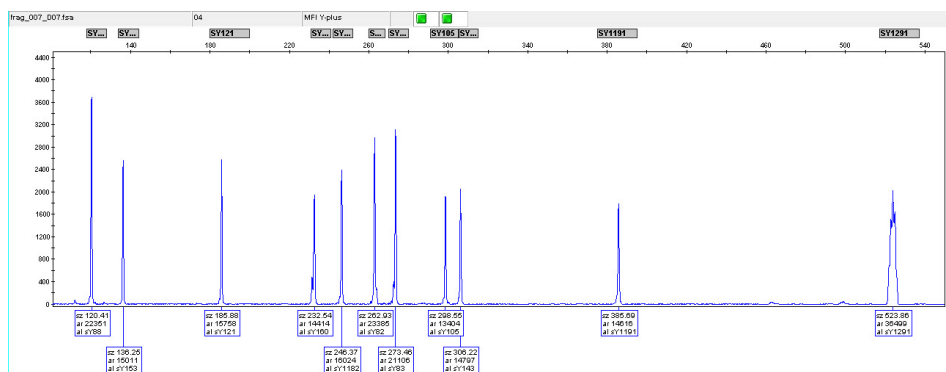


Figure 1. Yourgene® Male Factor Infertility *Plus* assay Analysis Profile

## Ordering Information

Assay	Catalogue Number	Description	Kit Size
Yourgene® Male Factor Infertility <i>Base</i>	AZFXB1	Yourgene® Male Factor Infertility <i>Base</i> test for qualitative detection of Y chromosome microdeletions (AZFabc regions) and sex chromosome aneuploidies	25 Tests
Yourgene® Male Factor Infertility <i>Plus</i>	AZFPLBX	Yourgene® Male Factor Infertility <i>Plus</i> is an extension to the Yourgene® Male Factor Infertility <i>Base</i> test to provide additional mapping of AZFabc region deletions	10 Tests
Yourgene® Cystic Fibrosis <i>Base</i>	CF2EUB2	Yourgene® Cystic Fibrosis <i>Base</i> for qualitative detection of 50 Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) gene mutations, common in European populations	50 Tests

Yourgene® Male Factor Infertility range previously known as Elucigen® Male Factor Infertility range

## About YOURGENE HEALTH

Yourgene Health is an international molecular diagnostics group which develops integrated genomic technologies and services enabling genomic medicine.

### For further information

**Tel:** +44 (0) 161 669 8122

**Email:** [info@yourgenehealth.com](mailto:info@yourgenehealth.com)



**Yourgene Health**  
Skelton House  
Lloyd Street North  
Manchester Science Park  
Manchester  
M15 6SH  
United Kingdom

**[yourgenehealth.com](http://yourgenehealth.com)**

 **Yourgene Health**