



CYBERGENE AB

ChromoQuant® PCR kit AZF

*For detection of micro deletions in
the Y chromosome;
AZFa, AZFb and AZFc*

The ChromoQuant AZF PCR kit is used for fast and accurate routine diagnosis of micro deletions in the Y chromosome

Key advantages

- **For routine diagnosis**

- **Fast analysis**

Turnaround reporting time is less than a working day

- **High Throughput**

PCR based system. Automatable for cost efficient analysis

- **High specificity**

17 markers in total

- **GeneMapper and GeneMarker panels**

- **In accordance with EAA and EMQN Guidelines 2013**

- For routine diagnostics
- Developed in accordance with EAA/EMQN guidelines 2013
- Basic and Extension set of non-polymorphic markers
- PCR Technology
- GeneMapper and GeneMarker panel templates are available

Analysis in accordance with guidelines

ChromoQuant AZF kit has been developed in order to follow the guidelines for molecular diagnosis given by EAA/EMQN 2013. This means that there are sufficient number of primers to perform the routine analysis of micro deletions in the AZFa, b and c region.

CE marked IVD kit

ChromoQuant® is CE marked in accordance with the Directive 98/79/EC. ChromoQuant® is produced under quality system ISO 13485:2012 / ISO 9001:2008.

Basic set and Extension set of markers

The basic set of markers will detect almost all clinically relevant deletions and over 95% of the deletions reported in the literature in the three AZF regions and is sufficient for routine diagnostics. Extension sets included.

High specificity

17 markers in total
1 basic set with markers for AZFa, b and c
2 extension sets with markers for determination of the extent of the deletion in AZFa and b respectively.



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About CyberGene AB

CyberGene AB is active in the MedTech field by developing, manufacturing and selling ChromoQuant, In Vitro diagnostic PCR based products. CyberGene AB is also a service provider within the Biotech field in oligodeoxynucleotide (DNA).

www.cybergene.com

CyberGene AB
Banvaktsvägen 22
SE-171 48 Solna
Sweden

Telephone:
+46 8 608 23 90

Technical support:
chromoquant@cybergene.se



Intended Use	Diagnosis of micro deletions in the Y chromosome AZFa, AZFb and AZFc
Ready to use	Add only DNA. Ready for PCR.
Taq polymerase	Included
Part no.	800.001-32
No. of tests	32 tests for AZFa, b, c – basic set 10 tests for extended diagnosis of AZFa and AZFb
Basic set of markers	7 non polymorphic markers + 2 controls will detect more than 95% of all deletions reported in the literature. Sufficient for routine diagnosis.
Extension set of markers	AZFa extension set: 4 non polymorphic markers + 2 controls AZFb extension set: 4 non polymorphic markers + 2 controls
PCR / Capillary	The basic set of markers for AZFa, b and c is analysed in one PCR tube and one capillary. This set of markers gives a diagnosis for deletions in the AZFa, b and c region. The AZFa and AZFb sets are used to verify the extension of the deletion in the AZFa and the AZFb region respectively.
No. of Markers	17 markers in total
Kit size	32 tests AZFabc 10 extended tests AZFa 10 extended tests AZFb
CE-marked for IVD use	Yes
Detection format	Capillary Electrophoresis with Genetic Analyser
Validated Genetic Analysers	ABI 310, 3100, 3130, 3500, 3730
Data Interpretation	GeneMapper and GeneMarker plugins are available
Complies with AEE/ EMQN guidelines 2013	Yes

www.chromoquant.com