

Certificate of Analysis



GlobalFiler™ IQC PCR Amplification Kit (200 Reactions)

Product No. **A43565**
Lot No. **2408032**
Date of Manufacture **30AUG2024**
Expiration Date **28FEB2026**

KIT CONFIGURATION

PART NO.	COMPONENT DESCRIPTION	LOT NO.	EXPIRATION DATE
100083421	GlobalFiler™ IQC PCR Reagents (Box)	2408031	28FEB2026
4476032	GlobalFiler™ Master Mix (Tube)	2401066	N/A
100083423	GlobalFiler™ IQC Primer Set (Tube)	2408015	N/A
4479014	Control DNA 007 (0.1ng/μL) (Tube)	2404080	N/A
100083422	GlobalFiler™ IQC Allelic Ladder (Box)	2403008	02NOV2027
100083422	GlobalFiler™ IQC Allelic Ladder (Tube)	2403008	N/A

Functional QC

QC Method: Samples are amplified using two kits from the current lot manufactured. Results from the current lot are compared to previously approved lots. All analyses are performed using standard operating conditions according to the recommendations in the GlobalFiler™ Kit User's Guide.

TEST	SPECIFICATION	RESULT
Human DNA Contamination	10/12 non-template controls (NTC) amplified for 31 cycles produce no typeable peak between 60-460 bp above an instrument-specific analytical threshold of 1 x LOQ (mean signal + 10 SD).	PASS
Genotype	One nanogram of Control DNA 007 amplified for 29 cycles produces the correct genotype for all 24 loci, including 21 autosomal STR markers, DYS391, Y-indel and the Amelogenin gender marker.	PASS

For Forensic or Paternity Use Only. Not for use in diagnostic procedures.

Manufactured in compliance with ISO 18385 and ISO 13485 certified quality management system. Site: Warrington, UK

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Quality Assurance
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