

CFTR screen



CFTR screen is a kit for the analysis of the CFTR gene through a molecular protocol based on NGS technologies. The kit is validated for germline analysis (SNPs, indels, CNVs) of DNA extracted from body tissues (blood or others). CFTR screen kit contains all reagents required for the preparation of a specific bidirectional library of amplicons designed for the NGS analysis using Illumina.

KEY FEATURES

- Rev: **S2030-16 (16 test)**
- Rev: **S2030-48 (48 test)**
- Gene targeted: CFTR
- Application: germline analysis
- Number of pools: 2
- Panel size: 8.5 kb
- Input DNA: 20ng/reaction

SAMPLES/RUN*

	Germline
MiSeq Nano Kit v2 (300-cycles)	18
Nano Kit v2 (500-cycles)	18
Micro Kit v2 (300-cycles)	77
Kit v2 (300-cycles)	>96
Kit v2 (500-cycles)	>96
Kit v3 (600-cycles)	>384
MiniSeq Mid Output Kit (300-cycles)	>96
High Output Kit (300-cycles)	>384
iSeq 100 i1 kit (300-cycles)	77
NextSeq 550 Mid-Output Kit	>384
High-Output Kit	>384
Ion 314™ Chip	10
Ion 316™ Chip	50
Ion 318™ Chip/Ion 520™ Chip	>96
Ion 530™ Chip	>384
Ion PI™ Chip/Ion 540™ Chip	>384

*the maximum number of samples per cartridge/chip estimated assuming an average depth of 300x for germline and 5000x for somatic analysis. The optimal number of samples must be empirically determined on local setups.

INDEXES

For Illumina instruments

Index set A (6x4) REF: 5001

Index set B (6x4) REF: 5002

For ordering info please contact info@4bases.ch