EGFR 18-21 MASTR

The EGFR MASTR is a molecular research assay for the identification of variants in exons 18 to 21 of the *EGFR* gene, which codes for the Epidermal Growth Factor Receptor (EGFR). This assay is ready to use and offers robust performance with minimum hands-on time. It consists of all the reagents necessary to enable multiplex amplification of 4 amplicons for complete coverage of exons 18 to 21 of the *EGFR* gene.



Research application

- For detection of germline variants, SNVs, in exons 18-21 of *EGFR* in FFPE-derived DNA.

Assay characteristics

Genes	Full coding region of exons 18-21 of *EGFR*
Genomic region analyzed	0.6 kb
Number of amplicons	4
Amplicon length	100-180 bp
Number of plexes	1
Designed to be compatible with	MiSeq, MiniSeq, NextSeq, Ion Torrent NGS Systems

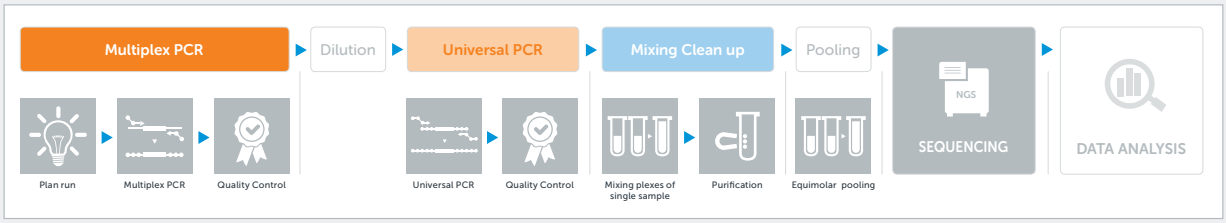
Performance Characteristics

DNA input	as low as 4 ng per plex reaction
Number of samples/run** (20 reads/allele):	@ 5 % VAF sample Illumina MiSeq V2: 2,057* Illumina MiSeq V3: 3,771*

* *only 192 MID combinations available.*

** *Number of samples per run for Illumina & IonTorrent NGS Systems can be calculated via the Sequencing Calculator.*

Workflow



Order information

Cat. No.	Product Name	Reactions
MR-0130.024	*EGFR 18-21 MASTR*	*1*

MID (Molecular Identifiers) kits are necessary to complete the workflow.

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Printed in Belgium, December 31, 2017
5991-8383ENN
PR7000-1408

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