

Precision Oncology

MoDEL™

Ultra-Sensitive EGFR Mutation Detection Assays
for Liquid Biopsy

The MoDEL™ EGFR Mutation Assays, performed on the QuarkBio's NextAmp™ Analysis System with DigiChip™ technology, enable absolute quantification of levels of EGFR exon 19 deletions, exon 20(T790M) point mutation and exon 21(L858R) point mutation in plasma.



For Research Use Only

Key Features

HIGH SENSITIVITY

Detection limit of 0.1% VAF (variant allele frequency), 10X more sensitive than conventional qPCR

LIQUID BIOPSY

Liquid-based test available, allowing detection of acquired drug resistance mutations

ACTIONABLE MUTATIONS

Simultaneously analyzing classical sensitizing EGFR mutations and T790M in a timely manner

REAL-TIME DETECTION

Simple and efficient operation, providing results in less than one day

Specifications of MoDEL™ Series Kits

Properties	Specifications
Input Analyte Type	cfDNA
Input Amount	5 ng/assay
Target(s) of Detection	EGFR (19Del, L858R, T790M)
Limit of Detection	0.1% VAF
Hands-on Time	15 min
Total Operation Time (from input analyte)	1.5 hrs
System Platform	NextAmp™ Analysis System (Q Station™ 1000 with DigiChip™)
Specimen Type(s)	Plasma

MoDEL™ EGFR Mutation Detection Kits

Required Parts	Reference No.	Product Name	Package Size
Reagent Kits	MDLEA-24-R	MoDEL™ EGFR Mutation Detection Kit A (19Del_L858R)	24 Assays
	MDLEB-24-R	MoDEL™ EGFR Mutation Detection Kit B (T790M_19Del)	24 Assays
	MDLEC-24-R	MoDEL™ EGFR Mutation Detection Kit C (T790M_L858R)	24 Assays
Chips	DIGI-24-C	DigiChip™ Box	24 pcs

For more information, please contact: info@quarkbiosciences.com