



LightMix[®] Digital Assays (RUO)

Manufactured by TIB MOLBIOL

Unleash the true power of digital PCR with sensitive, reliable and precise solutions.

Broaden your digital PCR menu with sensitive, reliable, and precise solutions for your oncology applications

Our analytically verified digital PCR assays provide powerful molecular insights to guide efficient and reliable oncology research. LightMix Digital Assays are digital PCR assays intended to run on the Digital LightCycler® System. The targets covered can

be used to support oncology scientific research to understand the role of those targets in disease development. LightMix Digital Assays are intended for research use only and are not for use in diagnostic procedures.

Value of LightMix Digital Assays



Sensitivity

Experimentally verified sensitivity enables detection of rare mutations at high sensitivities (0.05 %–0.1 % at 1 copy per partition)*



Precision

Clear, reproducible insights give confidence for your scientific research



Robust design

Robust assay design to ensure accurate and reliable insights

Key parameters*

Parameters	Description
Sample type	No limitation
Kit configuration	32 reactions for each target, lyophilized in tube
Targets	EGFR, T790M; EGFR_Ex19del (28 mutations)*; BRAF, V600E; KRAS, G12D; PIK3CA, E545K
Minimum Amount of sample required	Universal Plate 46 ng High Sensitivity Plate 33 ng
Test duration	1.5 -4.5 hours (depending on number of samples)
Open vial stability	Once dissolved, reagents can be stored at +4 to +8 °C for daily use for up to 60 days

Ordering information

Material number	Product name
10068469001	LightMix® Digital EGFR_Ex19del
10068434001	LightMix® Digital EGFR T790M
10068540001	LightMix® Digital BRAF V600E
10068531001	LightMix® Digital KRAS G12D
10068507001	LightMix® Digital PIK3CA E545K

* LightMix® Digital EGFR T790M v. 1.0 Instruction For Use. | LightMix® Digital BRAF V600E v. 1.0 Instruction For Use. LightMix® Digital EGFR_Ex19del v. 1.0 Instruction For Use. | LightMix® Digital KRAS G12G v. 1.0 Instruction For Use. LightMix® Digital PIK3CA E545K v. 1.0 Instruction For Use.
Additional materials needed. For more information, contact your local Roche representative.

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