

Abstract

2 Concept of the “RNA Probe Validation Report”

Colorectal cancer

Ki67 protein
MKI67-RNA
Dapi

1 Concept of the extended OMAP table structure

reagent type	probe type	probe numbers	probe sequence	mutation specific	uniprot accession number	hgnc id	lncrna	lncrna symbol	host	isotype	clonality	clone id	vendor	catalog number	lot number	recombinant	concentration	value	dilution factor	conjugate	method	instrument	tissue preservation	cycle number	fluorescent reporter	protocol doi	manuscript doi	author orcoid	vendor affiliation	cell line	rationale	organ	organ uberon	cell line cell name	ontology id	antigen retrieval
RNA probe	padlock probe	P28070			P28070	NCNG-9541		FSMB4	Human	gYGI	Monoclonal	REA1025	Milteny	130-127-920		Yes	50			VE	PCR	pending	RNAasy MACSima	FFPE	1		https://doi.org/10.1101/2023.10.21.561491	0000-0002-1297-9725	Yes	Y*	PCNA contributes to the complete assembly of the 20S proteasome, which is a palatine	palatine	UBERON:0002373	HER TEC pH 9.0		
RNA probe	padlock probe	P0130			P0130	NCNG-1678		CD8A	Human	gYGI	Monoclonal	REA1025	Milteny	130-127-920		Yes	50			VE	PCR	pending	RNAasy MACSima	FFPE	1		https://doi.org/10.1101/2023.10.21.561491	0000-0002-1297-9725	Yes	Y	PCNA contributes to the complete assembly of the 20S proteasome, which is a palatine	palatine	UBERON:0002373	HER TEC pH 9.0		
RNA probe	padlock probe	P0132			P0132	NCNG-1696		CD4	Human	gYGI	Monoclonal	REA1025	Milteny	130-127-920		Yes	50			VE	PCR	pending	RNAasy MACSima	FFPE	1		https://doi.org/10.1101/2023.10.21.561491	0000-0002-1297-9725	Yes	Y	CD4 is expressed by subsets of T cells. This marker is also expressed on a palatine	palatine	UBERON:0002373	HER TEC pH 9.0		
RNA probe	padlock probe	P0132			P0132	NCNG-1696		CD4	Human	gYGI	Monoclonal	REA1025	Milteny	130-127-920		Yes	50			VE	PCR	pending	RNAasy MACSima	FFPE	1		https://doi.org/10.1101/2023.10.21.561491	0000-0002-1297-9725	Yes	Y	CD4 is expressed by subsets of T cells. This marker is also expressed on a palatine	palatine	UBERON:0002373	HER TEC pH 9.0		
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