

OTS-Drugs (Product Code: OTS-Drugs)

<OTS-Cetuximab/Panitumumab>

Product Code: OTS-D-CP

OTS-No	Gene	CDS Change	AA Change
OTS-0434	<i>KRAS</i>	c.35G>A	p.G12D
OTS-0435	<i>KRAS</i>	c.35G>T	p.G12V
OTS-0436	<i>KRAS</i>	c.38G>A	p.G13D
OTS-0437	<i>KRAS</i>	c.34G>T	p.G12C
OTS-0438	<i>KRAS</i>	c.35G>C	p.G12A
OTS-0439	<i>KRAS</i>	c.34G>A	p.G12S
OTS-0440	<i>KRAS</i>	c.34G>C	p.G12R
OTS-0572	<i>NRAS</i>	c.182A>G	p.Q61R
OTS-0573	<i>NRAS</i>	c.181C>A	p.Q61K
OTS-0574	<i>NRAS</i>	c.35G>A	p.G12D

<OTS-Gefitinib/Afatinib/Osimertinib/Erlotinib/Dacomitinib >

Product Code: OTS-D-GAOD

OTS-No	Gene	CDS Change	AA Change
OTS-0202	<i>EGFR</i>	exon19del	exon 19 del
OTS-0203	<i>EGFR</i>	c.2573T>G	p.L858R
OTS-0204	<i>EGFR</i>	c.2235_2249del	p.E746_A750del
OTS-0205	<i>EGFR</i>	c.2236_2250del	p.E746_A750del
OTS-0206	<i>EGFR</i>	c.2369C>T	p.T790M
OTS-0207	<i>EGFR</i>	c.2582T>A	p.L861Q
OTS-0211	<i>EGFR</i>	c.866C>T	p.A289V
OTS-0219	<i>EGFR</i>	c.664C>T	p.R222C
OTS-0212	<i>EGFR</i>	c.1793G>T	p.G598V
OTS-0208	<i>EGFR</i>	c.2156G>C	p.G719A

<OTS-Tazemetostat>

Product Code: OTS-D-T


OTS-No	Gene	CDS Change	AA Change
OTS-0298	<i>EZH2</i>	c.1936T>A	p.Y646N
OTS-0299	<i>EZH2</i>	c.1937A>T	p.Y646F
OTS-0300	<i>EZH2</i>	c.1937A>C	p.Y646S
OTS-0301	<i>EZH2</i>	c.1936T>C	p.Y646H
OTS-0302	<i>EZH2</i>	c.2045C>G	p.A682G
OTS-0303	<i>EZH2</i>	c.2075C>T	p.A692V

<OTS-Vemurafenib/Dabrafenib/Trametinib/Encorafenib/Binimetinib>

Product Code: OTS-D-VDTEB

OTS-No	Gene	CDS Change	AA Change
OTS-0061	<i>BRAF</i>	c.1799T>A	p.V600E
OTS-0062	<i>BRAF</i>	c.1798_1799delinsAA	p.V600K
OTS-0063	<i>BRAF</i>	c.1801A>G	p.K601E
OTS-0069	<i>BRAF</i>	c.1798G>A	p.V600M
OTS-0065	<i>BRAF</i>	c.1406G>C	p.G469A

OTS-Probes

	Packing Unit: 0.5mL free-standing O-ringless tube with screw cap	
	Directions of Use: Dissolve mixed primers and probes in tube with 15 μ L DNase/RNase-free distilled water "OTS-Probes Manual" may be downloaded from "Product & Service"	
	Fluorescent Dyes: HEX (wild type), VIC (mutant type)	
	Expiry Date: Within one year after dissolving	
How to Stock: At -20°C when unopened and dry At -20°C after dissolution		
Assays/Tube:	Bio-Rad QX200	Appx. 6 assays
	ThermoFisher QuantStudio 3D	Appx. 8 assays
	ThermoFisher QuantStudio Absolute Q	Appx. 12 assays

**OTS-Probes" is the product developed and manufactured by Quantdetect, Inc., based on the patented technology developed by Iwate Medical University Institute for Biomedical Sciences and transferred to Quantdetect Inc..