



Genetic and Life Science Products



**PentaBase**  
Cancer PCR assays for personalized treatment

qPCR READY-TO-USE KITS  
**SOMATIC CANCERS**  
**HEMATO-ONCOLOGY**



## MicroSight® MSI HRM\*

### MSI Panel Microsatellite Instability (MSI)

### SensiScreen® - PlentiPlex™

BRAF - EGFR - KIT - KRAS - NRAS - PIK3CA

Mastocytoses KIT D816V – Lymphomes MYD88 L265P

- **High Sensitivity** : Selective amplification of mutations vs. WT (no false positive signals from WT)  
**0,1 - 1% mutated DNA (FFPE) ; 1 copy mutated DNA (circulating DNA)**
- **Flexible** : Supplied in multiplex configurations (mutations panel screening in one single run)
- Single Protocol : **FFPE** or **Circulating DNA**
- Ready-to-use Kits (details below) ; Fast : < 3h from biopsy to the result
- Open qPCR platform designs ; \* MicroSight® MSI HRM only on BaseCycler™



## COMPLETE PLATFORM FOR YOUR CANCER DIAGNOSTICS



DNA Extraction System **BasePurifier™**

+

Real Time – HRM Instrument

4 x 8 Strips/tubes (volume 10-100 µl)



**BaseCycler™**

# BaseCycler™

Real-Time PCR Instrument










CONTACT US FOR MORE INFORMATION  
ON OUR COMPLETE PENTABASE PLATFORM

KIT DESCRIPTION	MICROSATELLITES (5 MARKERS PANEL)	FORMAT (TESTS)	REFERENCE CAT. (FFPE)
<b>MicroSight™ MSI Kit</b> <b>PentaBase Panel (Strip H1)</b> UNPAIRED SAMPLES ANALYSIS (+ UNIVERSAL REFERENCE PENT-7210)	 1 = BAT25 2 = BAT26 3 = NR22 4 = NR24 5 = MONO27 3 patients (3 Strip H1)/run + 1 universal Reference (1 Strip HR, PENT-7210)/run	16	PENT-7200
<b>UNIVERSAL REFERENCE</b> <b>PentaBase Panel (Strip HR)</b> TO USE WITH PENT-7200	 1 = BAT25 + Universal DNA Reference 2 = BAT26 + Universal DNA Reference 3 = NR22 + Universal DNA Reference 4 = NR24 + Universal DNA Reference 5 = MONO27 + Universal DNA Reference	16	PENT-7210



\* Compatible only with qPCR/HRM Instrument **BaseCycler™**  
Capacity 4 strips Reference PENT-702

**SensiScreen® Kits Ready-to-use Assays - FORMAT MULTIPLEX**

KIT DESCRIPTION		MULTIPLEXED MUTATIONS (STRIP)	FORMAT (TESTS)	REFERENCE CAT. FFPE (CE/IVD)	REFERENCE CAT. LIQUID BIOPSY
<b>BRAF</b>	<b>V600 Multiplex (B1)</b>	 1 = BRAF Reference 1 2 = V600E+E2; V600D; V600K; V600R	12	PENT-1831	PENT-5336
			60	PENT-1832	PENT-5337
<b>EGFR</b>	<b>EXON 18+19+20+21 (E1)</b>	 1 = EGFR Reference 1 2 = G719A; G719C; G719S 3 = 35 deletions* 4 = S768I; L861Q 5 = T790M 6 = 13 insertions* 7 = 9 insertions* 8 = L858R	12	PENT-5681	PENT-5686
			60	PENT-5682	PENT-5687
	<b>EXON 19 Deletions; T790M; L858R (E10)</b>	 1 = EGFR Reference 4 2 = 35 deletions* 3 = T790M 4 = L858R	12	PENT-5398	PENT-5408 (CE/IVD)
			60	PENT-5399	PENT-5409 (CE/IVD)
<b>KIT (RUO)</b>	<b>D816V (I1)</b>	 1 = KIT Reference 1 2 = D816V	12	PENT-1846	PENT-5581
			60	PENT-1847	PENT-5582
<b>KRAS</b>	<b>EXON2+3+4 Multiplex (K1)</b>	 1 = KRAS Reference 1 2 = G12R; G12C; G12S; G12V 3 = G12A; G12D; G13D 4 = KRAS Reference 3 5 = Q61H1; Q61K; Q61L; A59T 6 = Q61H2; Q61E; Q61R; A59G 7 = K117N; K117N2 8 = A146P; A146T; A146V	12	PENT-1701	PENT-5201
			60	PENT-1702	PENT-5202
<b>NRAS</b>	<b>EXON2+3+4 Multiplex (N1)</b>	 1 = NRAS Reference 1 2 = G12A; G12C; G12D; G12R; G12S; G12V 3 = G13A; G13C; G13D; G13R; G13S; G13V 4 = NRAS Reference 2 5 = Q61H1; Q61H2; Q61K; Q61L; Q61R 6 = A59D; A59T 7 = K117N1; K117N2 8 = A146P; A146T; A146V	12	PENT-1771	PENT-5271
			60	PENT-1772	PENT-5272
<b>PIK3CA (RUO)</b>	<b>H1047 Multiplex (P1)</b>	 1 = PIK3CA Reference 1 2 = H1047R; H1047Y, H1047L	12	PENT-1464	PENT-5586
			60	PENT-1465	PENT-5587

\*detailed list of mutations included, please consult us

**Kits PlentiPlex™ Ready-to-use Assays - FORMAT MULTIPLEX ou SIMPLEX**

KIT DESCRIPTION	SIMPLEX (STRIP) Mutations	Format (TESTS)	REFERENCE CAT. (FFPE)
<b>Mastocytosis KIT D816V</b>	 1 = KIT Reference 1 2 = D816V 3 = D816V 4 = D816V	12	PENT-7021
		60	PENT-7022
<b>MYD88 L265P Simplex (Y1)</b>	 1 = MYD88 Reference 1 2 = L265P (codon 265)	12	PENT-1849
		60	PENT-1850