We are here to RESCUE your smile with our new Test ONCOSCAN

SOURCE :

1.http://www.affymetrix.com/estore/browse/products.jsp?navMode=34000&productId=131419&navAction=jump&aId=productsNav#1_1

2. http://www.mms-is.com/innovation-application/early-breast-cancer-detection

3.http://www.affymetrix.com/estore/browse/products.jsp?navMode=34000&productId=prod150008&navAction=jump&aId=productsNav#1_1

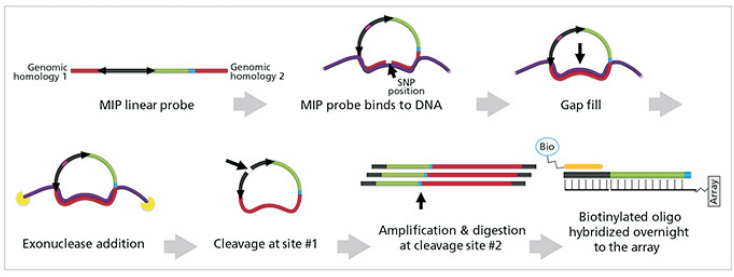
Genomic DNA copy number variations(CNV) are key genetic events in the development and progression of human cancers. There is evidence that widespread DNA copy number alterations can lead directly to global deregulation of gene expression, which may contribute to the development or progression of cancer. Microlabs has acquired one such instrument for a whole-genome copy number assay from highly degraded FFPE solid tumor samples that determines the exact CNVs, thus facilitating the tumor development and progression

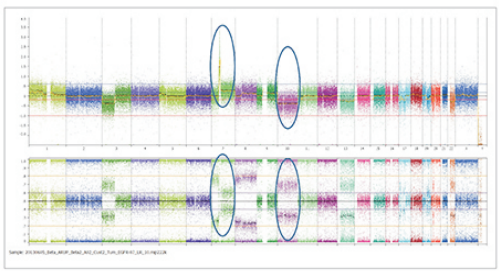
1	2	3	4
only 80 ng DNA input	High Resolution of 900 cancer genes	Genome - wide copy number in 48 hrs	Whole genome copy number analysis

LIST OF CANCER GENES SCREENED FOR

ABO, ABL1, AKT1, ALK, APC, ATM, BRAF, BRCA1, BRCA2, CDH1, CDKN2A, CSF1R, CTNNB1, EGFR, ERBB2, ERBB4, EZH2, FBXW7, FGFR1, FGFR2, FGFR3, GNA11, GNAQ, GNAS, HNF1A, HRAS, IDH1, JAK3, KDR, KIT, KRAS, MET, MLH1, MPL, NOTCH1, NPM1, NRAS, PIK3CA, PTEN, PTPN11, RB1, RET, SMAD4, SMARCB1, SMO, SRC, STK11, TP53, VHL,

Molecular Inversion Probe (MIP) assay.





OncoScan™ Nexus Express Software Whole-Genome View.

Top view: Total copy number view enables detection of gains and losses. ***Shown here:*** *Gain on chromosome 7 and loss on chromosome 10.*

Bottom view: B allele frequency view enables detection of low-level mosaic gains and losses, LOH, and assessment of clonal evolution. ***Shown here:*** *Splitting of the middle B allele frequency band confirming the gain on chromosome 7 and the loss on chromosome 10.*

TEST DETAILS

Test Name : Oncoscan

Test Code : 90310

Methodology : NGS, Microarray

Specimen : DNA

Volume : 80ng

VERSION 1.0
10.09.2015

MICROBIOLOGICAL LABORATORY

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