Panel-Ref® gDNA Cocktail VI Reference Standard

CBP90015

I. Description

Panel-Ref® gDNA Cocktail VI Reference Standard Contains important loci of common genes, involving 4 loci of BRAF/KRAS/PIK3CA/BRCA2 genes, covering SNP Dup variation types, variation frequency of 5%, and dPCR calibration.

II. General information

Name	Panel-Ref® gDNA Cocktail VI Reference Standard
Cat. No.	CBP90015
Format	Genomic DNA
Size	1ug/vial * 1 vial
Intended Use	Research Use Only
Buffer	Tris-EDTA
Storage Conditions	2-8℃
Expiry	36 months from the date of manufacture

III.Technical Data

Gene	AA Change	CDS Change	Exon	Cosmic ID	Expected AF	Chr position (GRCh37)
BRAF	p.V600E	c.1799T>A	15	COSM476	5%	chr7:140453136
PIK3CA	p.H1047R	c.3140A>G	20	COSM775	5%	chr3:178952085
KRAS	p.G13D	c.38G>A	2	COSM532	5%	chr12:25398281
BRCA2	p.I2675Dfs*6	c.8021dup	18	COSM2071519	5%	chr13:32937360