

GeneWell社 遺伝子検査標準サンプル Spec Sheet

商品名： Onco Wild Type ctDNA Reference Standard
 型式： IB-GW-OCTM005
 品番： 89-8610-71
 形態： ctDNA
 濃度： 20ng/μl、~~10~~0ng/tube
 Buffer： Tris-EDTA (10mM Tris-HCl, 1mM EDTA), pH 8.0
 保存温度： 2-8°C
 使用期限： ~~12~~ months

変異リスト

Number	Variant Type	Mutation	CDS Mutation	Expected Allelic Frequency(%) / Copy Number	COSMIC ID	Chromosome Number	Genomosome Position
1	SNV	AKT1 E17K	c.49G>A	0%	COSM33765	14	104780214
2	SNV	BRAF V600E	c.1799T>A	0%	COSM476	7	140753336
3	SNV	EGFR G719S	c.2155G>A	0%	COSM6252	7	55174014
4	SNV	EGFR L858R	c.2573T>G	0%	COSM6224	7	55191822
5	SNV	EGFR T790M	c.2369C>T	0%	COSM6240	7	55181378
6	Insertion	EGFR V769_D770insASV	c.2307_2308insGCCAGCGTG	0%	COSM12376	7	55181317-55181318
7	Deletion	EGFR ΔE746_A750	c.2235_2249del15	0%	COSM6223	7	55174772-55174786
8	SNV	KRAS A146T	c.436G>A	0%	COSM19404	12	25225628
9	SNV	KRAS G12D	c.35G>A	0%	COSM521	12	25245350
10	SNV	KRAS G13D	c.38G>A	0%	COSM532	12	25245347
11	SNV	NRAS Q61K	c.181C>A	0%	COSM580	1	114713909
12	SNV	PIK3CA E545K	c.1633G>A	0%	COSM763	3	179218303
13	SNV	PIK3CA H1047R	c.3140A>G	0%	COSM775	3	179234297
14	Fusion	CD74-ROS1 fusion	NA	0%	COSF1200	6,5	117324415, 150404680
15	Fusion	EML4-ALK fusion V3	NA	0%	COSF474	2,2	42264951, 29223528
16	CNV	ERBB2 Amplification	NA	2 copies	NA	17	39687914-39730426
17	CNV	MET Amplification	NA	2 copies	NA	7	116672196-116798386