

NEXTFLEX® Amplicon Panels for Cancer Predisposition & Cancer

BIO SCIENTIFIC
a PerkinElmer company

- 100% coverage of exon and flanking intron-exon boundaries
- High uniformity and on-target reads
- Up to 384 unique barcodes allowing for high multiplexing capabilities
- 20 ng input DNA isolated from fresh or frozen samples
- 40 ng input DNA isolated from FFPE samples
- Simple and fast protocols reduce time required for library prep
- Fluid workflow and modular design allows quick adoption of multiple panels that can be run on a single cartridge

The NEXTflex® Amplicon Panels are easily scalable, simple to use, fast, and cost-effective solutions for targeted sequencing. The kits are comprehensive and include primers flanking the regions of interest, library prep reagents, clean-up beads, and barcodes needed for the construction of libraries compatible with Illumina® and Ion Torrent™ sequencing platforms. These performance-verified panels are an important and useful tool for clinical research in the fields of cancer predisposition & cancer.

For research use only. Not for use in diagnostic procedures.

NEXTFLEX® AMPLICON PANELS	GENES COVERED	CATALOG # (8, 48 or 96 reactions available)
BRCA 1/2	<i>BRCA1, BRCA2</i>	NOVA-4221
BRCA1/2 Plus-1	<i>BRCA1, BRCA2, PALB2, CHEK2</i>	NOVA-4224
CEBPA	<i>CEBPA</i>	NOVA-4249
Hereditary Breast and Ovarian Cancer (HBOC) – 1	<i>RAD51D, RAD51C, BRIP1</i>	NOVA-4239
HBOC-3	<i>PALB2, BARD1, TP53</i>	NOVA-4240
Colorectal Cancer 1	<i>MLH1, MSH2</i>	NOVA-4234
Colorectal Cancer 2	<i>MSH6, PMS2</i>	NOVA-4248
Myeloid	21 hotspots	NOVA-4260
TP53	<i>TP53</i>	NOVA-4237
BRCA 1/2 FFPE	<i>BRCA1, BRCA2</i>	NOVA-4222
TP53 FFPE	<i>TP53</i>	NOVA-4252



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