
Catalog Number: ASE-6346B

Description: The Onco-Ref™ FFPE Cell Block Reference Standards provides a reliable source of clinically relevant specimens for assay development, optimization, and QC. The preparation of formalin-fixed paraffin embedded (FFPE) cell blocks is a common method for biological specimen preservation. While this process allows for the long-term storage of biological samples, it may lower the yields of DNA extraction, and may cause chemical changes in nucleic acid structure, both of which can adversely affect downstream characterization. Our FFPE blocks reference standards allows you to optimize your sample processing protocols for FFPE specimens, without the need to use precious clinical specimens.

Gene Name: EGFR

Mutation Id: COSM236670

Nucleotide Change: c.1476C>A

Amino Acid Change: p.S492R

Frequency: Homozygous

Size: 1 block

Format: FFPE

Volume/Dimension: 24 mm (height) X 24 mm (length) X 4 mm (thickness); 7 mm diameter (cell core)

Quantity: n/a

Concentration: > 60% cell density

Cell(s): RKO

Shelf Life: 36 Months

Shipping Temperature: Ambient

Fixation Process: 10% buffered formalin solution (4% formaldehyde); 24 hrs; room temperature

Storage Temperature: -20°C

Quality Control: Genotype: Sanger sequencing of locus-specific PCR (cell line)

Quality: > 60% cell density (H&E staining of 5µm cell slide)


Regulatory: For Research Use Only. Not intended for human or animal diagnostics or therapeutics.

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