

# Onco-Ref™ FFPE Cell Scroll Reference Standard TP53 c.733G>T p.G245C COSM11081

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog Number:</b>       | <b>ASE-6090S</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Description:</b>          | The Onco-Ref™ FFPE Cell Scroll is a biologically-relevant molecular reference standard that can be directly incorporated into your sample processing workflows to optimize protocols, evaluate assay sensitivity and specificity, and analyze the impact of workflow changes on downstream analysis.                                                                                                                                                                                                                                                                                                                         |
| <b>Gene Name:</b>            | TP53                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Mutation Id:</b>          | COSM11081                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Nucleotide Change:</b>    | c.733G>T                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Amino Acid Change:</b>    | p.G245C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Frequency:</b>            | Homozygous                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Size:</b>                 | 1 scroll                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Format:</b>               | FFPE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Volume/Dimension:</b>     | 20 µm section with a 7.0 mm diameter cell pellet core                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Quantity:</b>             | n/a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Concentration:</b>        | > 400 ng /scroll                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Cell(s):</b>              | HCT116                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Shelf Life:</b>           | 36 months                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Shipping Temperature:</b> | Ambient                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Fixation Process:</b>     | 10% buffered formalin solution (4% formaldehyde); 24 hrs; room temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Storage Temperature:</b>  | -20°C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Quality Control:</b>      | Genotype: Sanger sequencing of locus-specific PCR (cell line)<br>Quality: > 60% cell density (H&E staining of 5µm cell slide)<br>Manufacturing: ISO 9001:2015 and ISO 13485:2016 Certified                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Regulatory:</b>           | Research Use Only. Not Intended for human or animal diagnostic or therapeutic use.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Restrictions:</b>         | This is a limited use product. This product, any material that contains this product in whole or in part, any progeny, modification or derivative of this product, any cell or animal made or modified by using this product, and any progeny, modification or derivative of such cell or animal may not be transferred by the purchaser to any other person, entity or any of the above to perform services for the benefit of any other person or entity or for commercial purpose of any kind. This product may only be used by the purchaser for its internal research for use as a research tool for research purposes. |

DS-ASE-6090S-V3