

## OncoSpot™ BRAF V600E Genomic DNA Reference Standard

**Catalog number:** RM007

**Product:** BRAF V600E genomic DNA reference standard

**Description:** This product can be used as quality control material for optimizing the protocols and evaluating the sensitivity/specificity of assays such as next-generation sequencing (NGS), qPCR and amplification-refractory mutation system (ARMS) PCR.

### Variant data

**AA mutation:** V->E

**Nucleotide change:** GTC ->GAG

**Genotype:** BRAF (V600E/V600E)

**Cosmic ID:** COSM476

**Background cell line:** HCT116

**Allelic Frequency:** 100%

### Product information

**Quantity:** 1 µg

**Concentration:** 50 ng/µL

**Storage:** -20 °C

**Shelf life:** 3 years from the date of manufacture

**Buffer:** Tris-EDTA (10 mM Tris-HCl, 1 mM EDTA), pH 8.0

**Quality control:** Each lot is tested by sanger sequencing, agarose gel electrophoresis, and Qubit fluorometer. Please refer to the COA for details.



**Citation of product:** If use of this item results in a publication, please use this information:  
OncoSpot™ BRAF V600E Genomic DNA Reference Standard, (RM007,  
GeneCopoeia, Inc., Rockville, MD).

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