

OncoBEAM[™] BRAF Kit (RUO)

Highly Sensitive Liquid Biopsy for Transforming Clinical Care



For Research Use Only. Not available in the USA.

Go Beyond Biopsy with Blood

Detection of Cell-Free Tumor DNA in Metastatic Colorectal Cancer Patients Through a Simple Blood Draw

- Detection of BRAF V600E mutation
- Highly sensitive BEAMing digital PCR technology
- A more rapid and minimally invasive assessment of BRAF V600E mutation, as compared to tissue biopsy



Clinical Significance of BRAF V600E Mutations and RAS/BRAF Somatic Mutation Frequency in Colorectal Cancer



Our Test Menu

OncoBEAM™ BRAF Kit (RUO)	Gene	Amino Acid Change	Nucleotide Change
	BRAF	V6ooE	c.1799T>A

[1] Van Cutsem E et al. Cetuximab plus irinotecan, fluorouracil, and leucovorin as first-line treatment for metastatic colorectal cancer: updated analysis of overall survival according to tumor KRAS and BRAF mutation status. J Clin Oncol 2011; 29(15): 2011-2019.

[2] NCCN Clinical Practice Guidelines in Oncology : Colon Cancer Version 2 2017.

[3] Van Cutsem E et al. ESMO consensus guidelines for the management of patients with metastatic colorectal cancer. Ann Oncol 2016; 27(8):1386-1422.

[4] Sepulveda AR et al. Molecular biomarkers for the evaluation of colorectal cancer: guideline summary from the American Society for Clinical Pathology, College of American Pathologists, Association for Molecular Pathology, and American Society of Clinical Oncology. J Oncol Pract 2017; 13(5):333-337.

[5] Hong DS et al. Phase 1B study of vemurafenib in combination with irinotecan and cetuximab in patients with metastatic colorectal cancer with BRAFV600E mutation. Cancer Discov 2016; 6(12):1352-1365.

[6] Yaeger R et al. Pilot trial of combined BRAF and EGFR inhibition in BRAF-mutant metastatic colorectal cancer patients. Clin Cancer Res 2015; 21(6):1313-1320.

[7] Tabernero J et al. Phase 2 results: Encorafenib (ENCO) and cetuximab (CETUX) with or without alpelisib (ALP) in patients with advanced BRAF-mutant colorectal cancer (BRAFm CRC). ASCO Annual Meeting 2016; Abstract 3544

[8] Toledo RA et al. Clinical validation of prospective liquid biopsy monitoring in patients with wild-type RAS metastatic colorectal cancer treated with FOLFIRI-cetuximab. Oncotarget 2017; 8(21): 35289-35300.

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