

## **Human VEGF Signaling PCR Array**

**Vascular Endothelial & Other Growth Factors & Receptors:** FIGF, FLT1, FLT4, KDR, NRP1, NRP2, PDGFC, PGF, VEGFA, VEGFB, VEGFC.

**AKT & PI-3-Kinase Signaling:** AKT1, AKT2, AKT3, PIK3CA, PIK3CB, PIK3CD, PIK3CG, PIK3R1, PIK3R2, PIK3R3, PIK3R5.

**Small G-Protein Signaling:** HRAS, KRAS, NRAS, RAC1, RAC2, RAF1, SHC2, SRC.

**Heat Shock Proteins:** HSP90AA1, HSPB1.

**MAP Kinase Signaling:** MAP2K1, MAP2K2, MAPK1, MAPK11, MAPK12, MAPK13, MAPK14, MAPK3, MAPKAPK2, MAPKAPK3.

**NFAT Signaling:** NFAT5, NFATC1, NFATC2, NFATC3, NFATC4.

**Phosholipase A2 & C:** PLA2G10, PLA2G12A, PLA2G12B, PLA2G1B, PLA2G2A, PLA2G2D, PLA2G2E, PLA2G2F, PLA2G3, PLA2G4A, PLA2G4B, PLA2G5, PLA2G6, PLCG1, PLCG2.

**Protein Kinase C:** PRKCA, PRKCB, PRKCG.

**Protein Phosphatases:** PPP3CA, PPP3CB, PPP3CC, PPP3R1, PPP3R2.

**Transcription Factors:** ARNT, HIF1A, NFAT5, NFATC1, NFATC2, NFATC3, NFATC4.

**Apoptosis & Cell Cycle:** BAD, CASP9, CDC42.

**Cell Motility, Migration, & Morphology:** PTK2, PXN.

**Others:** CAV1, GRB2, NOS3, PTGS2, SH2D2A, SPHK1, SPHK2.