

## Human Wound Healing PCR Array

### Extracellular Matrix & Cell Adhesion:

ECM Components: COL14A1, COL1A1, COL1A2, COL3A1, COL4A1, COL4A3, COL5A1, COL5A2, COL5A3, VTN.

Remodeling Enzymes: CTSG, CTSK, CTS2L2, F13A1, F3 (Tissue Factor), FGA (Fibrinogen), MMP1, MMP2, MMP7,

MMP9, PLAT (tPA), PLAU (uPA), PLAUR (uPAR), PLG, SERPINE1 (PAI-1), TIMP1.

Cellular Adhesion: CDH1 (E-cadherin), ITGA1, ITGA2, ITGA3, ITGA4, ITGA5, ITGA6, ITGAV, ITGB1, ITGB3,

ITGB5, ITGB6.

Cytoskeleton: ACTA2 ( $\alpha$ -SMA), ACTC1, RAC1, RHOA, TAGLN.

**Inflammatory Cytokines & Chemokines:** CCL2 (MCP-1), CCL7 (MCP-3), CD40LG (TNFSF5), CXCL1, CXCL11 (ITAC/

IP-9), CXCL2, CXCL5 (ENA-78/LIX), IFNG, IL10, IL1B, IL2, IL4, IL6.

**Growth Factors:** ANGPT1, CSF2 (GM-CSF), CSF3 (GCSF), CTGF, EGF, FGF10, FGF2, FGF7, HBEGF (DTR),

HGF, IGF1, MIF, PDGFA, TGFA, TGFB1, TNF, VEGFA.

### Signal Transduction:

TGF $\beta$ : TGFB1, TGFB3, STAT3.

WNT: CTNNB1, WISP1, WNT5A.

Phosphorylation: MAPK1 (ERK2), MAPK3 (ERK1), PTEN.

Receptors: EGFR, IL6ST (GP130).

Other: PTGS2.