Huang Qi (HQ)

Water/ Ethanol (20, 50, 80, 95%) extraction

Five HQ water/ethanol fractions

Primary screening by ELISA to determine the inhibitory effect on cytokine secretion from human THP-1 macrophages

HQ water fraction

Extraction with various organic solvents

Eight HQ fractions

Primary screening by ELISA to determine the inhibitory effect on cytokine secretion from human THP-1 macrophages

HQ water fraction

Water/ Ethanol (95%) extraction

HQ ethylacetate (aqueous) fraction

Primary screening & secondary screening by SEAP assay to determine the inhibitory effect of NF-kB activity using mouse RAW-Blue macrophages

HQ ethylacetate (ethanol) fraction

Effective fraction Rx for in vivo study