

Human IL-17A ELISpot Kit

PRODUCT SPECIFICATIONS

Catalogue N°	856.151.001PC - 1 x 96 Discovery (pre-coated plate) 856.151.002PC - 2 x 96 (pre-coated plates) 856.151.005PC - 5 x 96 (pre-coated plates)
Target species	Human
Specificity	Recognizes natural human IL-17A
Incubation	3h after cell stimulation
Kit Content	Diaclone Pre-coated ELISpot kits include precoated PVDF plates, Detection antibody, Alkaline phosphatase conjugate, BSA, BCIP/NBT ready-to-use substrate buffer.

BACKGROUND

Interleukin-17 (IL-17, or IL-17A) is the founding member of a group of cytokines called the IL-17 family. IL-17A was originally identified as a transcript from a rodent T-cell hybridoma by Rouvier et al. in 1993. IL-17A is involved in inducing and mediating proinflammatory responses, commonly associated with allergic responses and induces the production of many other cytokines (such as IL-6, G-CSF, GM-CSF, IL-1 β , TGF- β , TNF α), chemokines (including IL-8, GRO- α and MCP-1) and prostaglandins (e.g. PGE2) from many cell types (fibroblasts, endothelial cells, epithelial cells, keratinocytes and macrophages). IL-17A function is also essential to a subset of CD4+ T-Cells called T helper 17 (Th17) cells.

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