

Human IL-5 ELISpot Kit

PRODUCT SPECIFICATIONS

Catalogue N°	856.111.001PC - 1 x 96 Discovery (pre-coated plate) 856.111.002PC - 2 x 96 (pre-coated plates) 856.111.005PC - 5 x 96 (pre-coated plates)
Target species	Human
Specificity	Recognizes both natural and recombinant human IL-5
Incubation	3h after cell stimulation
Cross Reaction	No cross reactivity with other human cytokines
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 5 (IL-5) is a glycoprotein from the hematopoietic family, produced by type-2 T helper cells and mast cells. It stimulates B cell growth and increases immunoglobulin secretion through binding to the interleukin-5 receptor. IL-5 is the main factor that mediate eosinophils differentiation and activation.

IL-5 has long been associated with the cause of several allergic diseases and has been identified in eosinophils from patients with coeliac disease, asthma, eosinophilic heart diseases or Hodgkin lymphoma.

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