

Human IL-17A + Interferon gamma FLUOROSPOT Set ab105253

1 图像

概述

产品名称	人IL-17A + Interferon gamma FLUOROSPOT Set
检测方法	Fluorescent
样品类型	Suspension cells
检测类型	Sandwich (qualitative)
实验步骤	Multiple steps standard assay
产品概述	<p>ab105253 is designed to enumerate cytokine producing cells in a single cell suspension. This method has the advantage of requiring a minimum of in vitro manipulations allowing cytokine production analysis as close as possible to in vivo conditions in a highly specific way. This technique is designed to determine the frequency of cytokine producing cells under a given stimulation, and the follow-up of such frequency during a treatment and/or a pathological state. Fluorospot assay constitutes an ideal tool in the TH1 / TH2 response, vaccine development, viral infection monitoring and treatment, oncology, infectious diseases, autoimmune diseases and transplantation.</p> <p>This Kit is based on sandwich immune-enzyme technology. Cell secreted cytokines or soluble molecules are captured by coated antibodies avoiding diffusion in supernatant, protease degradation or binding on soluble membrane receptors. After cell removal, the captured cytokines are revealed by tracer antibodies and appropriate conjugates.</p> <p>After cell stimulation, locally produced cytokines are captured by Interferon gamma and IL-17A specific monoclonal antibodies. After cell lysis, trapped cytokine molecules are revealed by a secondary anti- Interferon gamma FITC conjugated antibody and a biotinylated anti- IL-17A antibody. Those are in turn recognised by anti-FITC green fluorescent dye and streptavidin-phycoerythrin conjugates. PVDF-bottomed-well plates are then read under a UV light beam. Green fluorescent spots indicate Interferon gamma production while IL-17A is revealed by red spots. Yellow spots will indicate dual cytokine producing cells.</p> <p>See Figure 1 for visual scheme.</p> <p>ab105253 provides enough reagents for 5 plates. Plates are provided, non sterile.</p>
说明	Store kit reagents between 4°C, except Plates and Fluorescence buffer which should be stored at

应用	Ab评论	说明
FluroSpot		Use at an assay dependent dilution.

图片

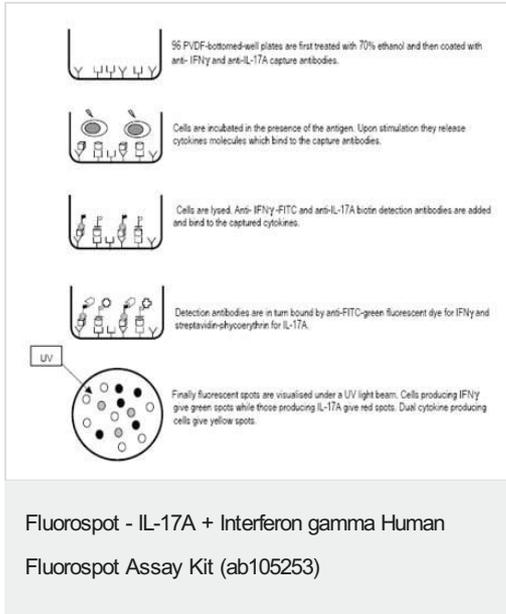


Figure 1: Procedure Summary

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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