



Datasheet for ABIN2690979  
**Human IL-10 ELISPOT Pair**



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Overview

Quantity:	5 plate
Target:	IL-10 (IL10)
Reactivity:	Human
Application:	ELISpot

Product Details

Brand:	BD™ ELISPOT
Components:	This product contains sufficient reagent for five 96-well plates, including unlabelled capture antibody (no azide/low endotoxin format), biotinylated detection antibody, and a Certificate of Analysis that provides lot-specific optimal reagent concentrations.

Target Details

Target:	IL-10 (IL10)
Alternative Name:	IL-10 ( <a href="#">IL10 Products</a> )

Application Details

Application Notes:	The enzyme-linked immunospot (ELISPOT) assay is a powerful tool for detecting and enumerating individual cells that secrete a particular protein in vitro. Based on the sandwich ELISA, the ELISPOT assay derives its specificity and sensitivity by employing high affinity capture and detection antibodies and enzyme-amplification. Although originally developed for analyzing specific antibody-secreting cells, the assay has been adapted for measuring the frequencies of cells that produce and secrete other effector molecules, such as cytokines. The
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## Application Details

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sensitivity of the assay lends itself to measurement of even very low frequencies of cytokine producing cells (e.g., 1/300,000). Unique strengths of the assay include high sensitivity, high throughput, high content analysis, minimal volume of biological material required, applicability to frozen/thawed biological samples, and compatibility with other assays. For example, cells analyzed by ELISPOT can be transferred for cloning, proliferation assays, flow cytometry, or other methods of analysis.

Comment: BD™ ELISPOT Human IL-10 ELISPOT Pair

Restrictions: For Research Use only

## Handling

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Buffer: Aqueous buffered solution containing protein stabilizer and ≤0.09 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Storage Comment: Store undiluted at 4° C and protected from prolonged exposure to light. Do not freeze.

## Publications

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Product cited in: Liu, Xu, Jiao, Ren, Li: "Vascular endothelial growth factor B coordinates metastasis of non-small cell lung cancer." in: **Tumour biology**, Vol. 36, Issue 3, pp. 2185-91, (2015) ([PubMed](#)).