



S. scrofa Interleukin 10 (DAG-H10352)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Species	S. scrofa
Purity	> 95 % as determined by SDS-PAGE
Conjugate	Unconjugated
Applications	<ol style="list-style-type: none">1. Immobilized porcineIL10 at 10 µg/ml (100 µl/well) can bind Cynomolgus IL10RA, The EC50 of Cynomolgus IL10RA is 0.14-0.34 µg/ml.2. Measured in a cell proliferation assay using MC/9-2 mouse mast cells. The ED50 for this effect is typically 1-5 ng/mL.
Size	10 µg, 20 µg
Preservative	None
Storage	Store it under sterile conditions at -70 °C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

BACKGROUND

Introduction	The protein encoded by this gene is a cytokine produced primarily by monocytes and to a lesser extent by lymphocytes. This cytokine has pleiotropic effects in immunoregulation and inflammation. It down-regulates the expression of Th1 cytokines, MHC class II Ags, and costimulatory molecules on macrophages. It also enhances B cell survival, proliferation, and antibody production. This cytokine can block NF-kappa B activity, and is involved in the regulation of the JAK-STAT signaling pathway. Knockout studies in mice suggested the function of this cytokine as an essential immunoregulator in the intestinal tract. [provided by RefSeq].
Keywords	IL10; Interleukin-10; Cytokine synthesis inhibitory factor