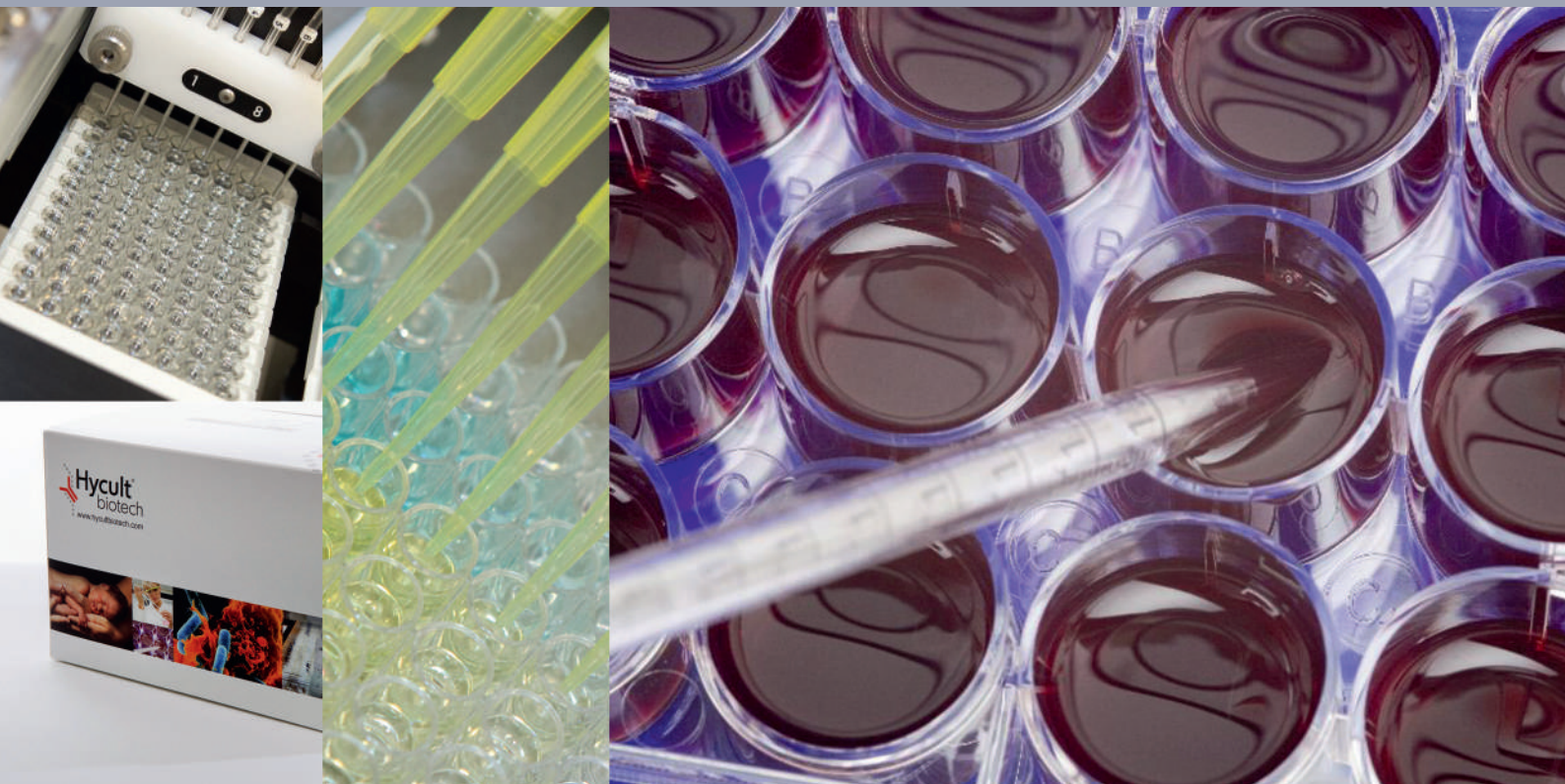




ELISA kits and assays

Innate Immunity · Acute phase proteins · Western blot · TLR · **Assays** · Antimicrobial peptides · Flow cytometry · **LPS, Microbial toxins** · Robust · Complement Research · Easy to use · Scavenger receptors · Inflammation · Sensitivity · Unique products · Immunohistochemistry · Coagulation molecules · Quality control · Cytokines · Chemokines · **Antibodies** · Cell & Tissue damage · Functional studies · Lipid binding proteins · Immunoprecipitation · Oxidative stress · Specificity · Organ & Tissue related research · **Proteins** · Value for money



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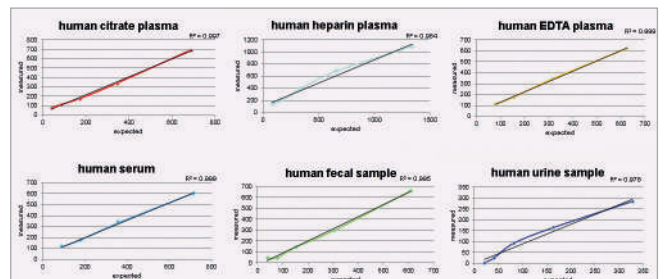
For over 20 years, Hycult Biotech is dedicated to develop research reagents for innate immunology research. Therefore, Hycult Biotech has the know-how and elaborate experience to develop ELISA kits and assays in a comprehensive manner. Additionally, Hycult Biotech has ample experience in the development of ELISA kits for difficult to measure samples in complex matrices. An expertise that is critical for reliable measurement of challenging markers, such as neutrophil proteins, complement, acute phase proteins and antimicrobial peptides. Our development includes validation of our products on sensitivity, specificity, linearity, robustness and stability. This assures that you get the results that you need and that the performance characteristics of the products are standardized. Many of our assays have become the standard in the innate research field as demonstrated by a wide variety of publications.

Human		
Product description	Quantity	Cat.#
Arginase I	1 x 96 det.	HK322-01
BPI	1 x 96 det.	HK314-01
C1q	1 x 96 det.	HK356-01
C3a	1 x 96 det.	HK354-01
C3c	1 x 96 det.	HK368-01
C5a	1 x 96 det.	HK349-01
Calprotectin	1 x 96 det.	HK325-01
Complement factor D	1 x 96 det.	HK343-01
Complement factor H	1 x 96 det.	HK342-01
CRP	1 x 96 det.	HK358
Elafin (Trappin-2)	1 x 96 det.	HK318-01
Elastase	1 x 96 det.	HK319-01
EndoCab	1 x 96 det.	HK504
EndoCab IgA	1 x 96 det.	HK504-IgA
EndoCab IgG	1 x 96 det.	HK504-IgG
EndoCab IgM	1 x 96 det.	HK504-IgM
Factor H, 402H/Y variant detection	1 x 96 det.	HK353
Ficolin-1	1 x 96 det.	HK357-01
Ficolin-2	1 x 96 det.	HK336-01
Ficolin-3	1 x 96 det.	HK340-01
gC1qR	1 x 96 det.	HK362-01
H-FABP	1 x 96 det.	HK401
HNP1-3	1 x 96 det.	HK317-01
hsCRP	1 x 96 det.	HK369
I-FABP	1 x 96 det.	HK406-01
Lactoferrin	1 x 96 det.	HK329-01
LBP	1 x 96 det.	HK315-01
L-FABP	1 x 96 det.	HK404-01
LL-37	1 x 96 det.	HK321-01
MAp44	1 x 96 det.	HK359-01
MASP-2	1 x 96 det.	HK326-01
MASP-3	1 x 96 det.	HK339-01
MBL	1 x 96 det.	HK323-01
MPO	1 x 96 det.	HK324-01
NGAL	1 x 96 det.	HK330-01
Pentraxin 3	1 x 96 det.	HK347-01
Properdin	1 x 96 det.	HK334-01
RNase 7	1 x 96 det.	HK371-01
SAA	1 x 96 det.	HK333-01
SAP	1 x 96 det.	HK331-01
sCD14	1 x 96 det.	HK320-01
SLPI	1 x 96 det.	HK316-01
sMAdCAM-1	1 x 96 det.	HK337-01
SP-D	1 x 96 det.	HK335-01
sTNF-RII	1 x 96 det.	HK302-01
sTREM-1	1 x 96 det.	HK348-01
TCC	1 x 96 det.	HK328-01
TNF-alpha	1 x 96 det.	HK307-01
TRACP5a	1 x 96 det.	HK363-01

Mouse		
Product description	Quantity	Cat.#
C1q	1 x 96 det.	HK211-01
H-FABP	1 x 96 det.	HK413-01
LBP	1 x 96 det.	HK205-01
MBL-A	1 x 96 det.	HK208-01
MBL-C	1 x 96 det.	HK209-01
MPO	1 x 96 det.	HK210-01
S100A9/Calprotectin	1 x 96 det.	HK214-01
SAP	1 x 96 det.	HK215-01

Rat		
Product description	Quantity	Cat.#
Alternative Complement Pathway, Assay	1 x 96 det.	HIT412
Classical Complement Pathway, Assay	1 x 96 det.	HIT410
Complement Pathway, Assay	3 x 96 det.	HIT413
H-FABP	1 x 96 det.	HK414-01
Lectin Complement Pathway, Assay	1 x 96 det.	HIT411
MPO	1 x 96 det.	HK105-01
TCC	1 x 96 det.	HK106-01

Other		
Product description	Quantity	Cat.#
CML, Competitive ELISA	1 x 96 det.	HIT502
LAL Chromogenic Endpoint Assay	3 x 96 det.	HIT302
LBP, various species	1 x 96 det.	HK503
MGO, Competitive ELISA	1 x 96 det.	HIT503
Nitrotyrosine	1 x 96 det.	HK501-01
Nitrotyrosine, Competitive ELISA	1 x 96 det.	HIT501



Example of linearity experiments: MGO levels were measured in plasma, urine and feces samples. Linearity of the dilution was determined by serially diluting samples. The measured concentrations are plotted against the expected concentrations. A correlation of at least 0.97 was found in the matrices tested (Cat.# HIT503).



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