



Acute phase proteins



Hycult[®]Biotech

bringing innate immunity to the **next level**

Acute phase proteins

Hycult Biotech is a leading world-class manufacturer of research reagents in the field of innate immunity. We are a specialized partner in the development and manufacturing of assays, antibodies, proteins and peptides. With the focus on innate immunity, we pay special attention to products relating to antimicrobial peptides, complement, acute phase proteins, TLR, LPS and microbial toxins.

Acute phase proteins (APPs) are serum proteins whose levels change in response to inflammation, which makes them useful indicators for stress and disease. The functions of APPs remain largely unresolved. Nevertheless, various roles have been postulated, including opsonisation of foreign organisms and particles, and regulation of inflammatory processes. Examples of the latter are LPS-binding protein (LBP) and serum amyloid A (SAA), both involved in the inflammatory response to LPS. Elevation of C-reactive protein (CRP) levels relates to a number of diseases, including atherosclerosis, rheumatoid arthritis and sepsis, making this APP an important indicator of inflammation.

Validated ELISA kit sample types:

BF: Bronchoalveolar fluid	CF: Cerebrospinal fluid
CM: Cell culture medium	CS: Cell culture supernatant
P: Plasma	S: Serum
U: Urine	WF: Wound fluid

ELISA kits			
Product name	Species	Sample types	Cat. #
BPI	Human	BF CM P WF	HK314
C1q	Human	BF P S	HK356
C1q	Mouse	P S	HK211
CRP	Human	P S	HK358
hsCRP	Human	P S	HK369
LBP	Human	CS P S	HK315
LBP	Mouse	CS P S	HK205
LBP	Various	CS P S	HK503
MBL	Human	CS P S	HK323
MBL-A	Mouse	CS P S	HK208
MBL-C	Mouse	CS P S	HK209
Pentraxin 3	Human	CS P	HK347
SAA	Human	P S U	HK333
SAP	Human	CF P S U	HK331
SAP	Mouse	P S	HK215
sTREM-1	Human	P S	HK348

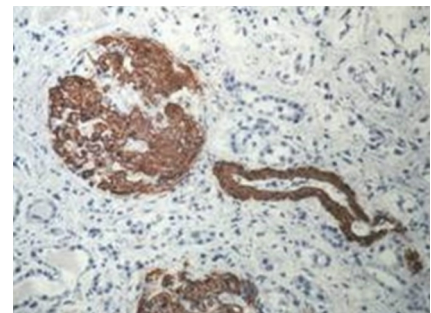
Peptides and proteins			
Product name	Species	Quantity	Cat. #
LBP, Peptide	Human	100 µg	HC4030-01
LBP, Peptide	Human	0.5 mg	HC4030-05
LBP, Peptide	Human	1 mg	HC4030-10

Can't find the sample type you want for an ELISA kit?

Ask the support team to assist you with your research needs on support@hycultbiotech.com!

How many tests would you like?

Almost all our ELISA kits are available in both a 1-plate and a 2-plate format!



SAA-1 in human kidney. Staining of frozen section with clone Reu86.1 (Cat. # HM2100)

Validated antibody applications:

F: Frozen sections	FC: Flow cytometry
FS: Functional studies	IA: Immunoassay
IF: Immunofluorescence	IP: Immunoprecipitation
P: Paraffin sections	W: Western blot

Antibodies				
Product name	Clone	Species	Applications	Cat. #
Alpha-1-antitrypsin	2C1	Human	IA IP P W	HM2289
BPI	3F9	Human	IA	HM2041
BPI	4E3	Human	FC FS IA	HM2170
BPI	4H5	Human	IA	HM2042
BPI	pAb	Human	IA IP	HP9022
C1q	7H8	Mouse	F IA IF	HM1044
C1q	JL-1	Mouse	F FS IA IF W	HM1096
C1q	pAb	Rat	F IA IP	HP8021
LBP	1C7	Human	FS IA IP	HM2044
LBP	6G3	Human	FS IA IP	HM2043
LBP	pAb	Human	IA IP W	HP9023
LBP	M330-19	Mouse	FS IA	HM1026
LBP	RR433-8	Mouse	FS IA W	HM1027
MBL	3E7	Human	F FC FS IA	HM2061
MBL-A	2B4	Mouse	IA W	HM1036
MBL-A	8G6	Mouse	F IA IF W	HM1035
MBL-C	14D12	Mouse	F IA IF W	HM1038
MBL-C	16A8	Mouse	IA W	HM1037
Pentraxin 3	MNB1	Human	FC FS IA W	HM2241
Pentraxin 3	MNB4	Human	F FC IA IF IP P W	HM2242
Pentraxin 3	2C3	Mouse	FC FS IA IF IP W	HM1130
Pentraxin 3	6B11	Mouse	F FC FS IA W	HM1131
SAA-1	Reu86.1	Human	F IA P W	HM2100
SAA-1	Reu86.5	Human	F IA P W	HM2101
SAP	pAb	Human	F IA IP P W	HP9055
SAP	pAb	Mouse	F IA IP P W	HP8039
sTREM-1	15G7	Human	IA	HM2304
TREM-1	6B1	Human	FC FS IA W	HM2252
TREM-1	L5-B8	Mouse	FC FS IF W	HM1098
TREM-2	6E9	Mouse	FC IA IP	HM1129

Need a custom formulation?

Ask us and we will advise you on the possibilities!

Want a conjugated antibody?

Visit our website to see all available formats or contact us!

Product in bulk quantity?

Contact us for a customized quotation!



What we stand for

- Original manufacturer
- > 20 years experience
- Support within one working day
- Innate immunity focus
- Reliable and robust
- Scientific drive

Hycult Biotech, bringing innate immunity to the **next level**



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