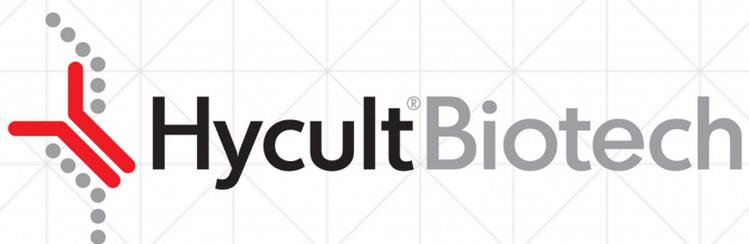




# LPS and microbial toxins



**Hycult<sup>®</sup>Biotech**

bringing innate immunity to the **next level**

*Available in Canada from...*

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**BioLynx**  
INC.

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# LPS and microbial toxins

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.

Endotoxin and other microbial toxins are involved in infectious diseases as well as in many other pathologies like atherosclerosis. The unraveling of the Toll-like receptor's function in immunity has raised new interest in the innate immune response to bacterial toxins. Moreover, involvement of the acute phase response with LPS-binding proteins has also contributed to this attention.

Validated ELISA kit sample types:

<b>CS:</b> Cell culture supernatant	<b>P:</b> Plasma
<b>S:</b> Serum	

## 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](mailto:support@hycultbiotech.com)!

ELISA kits for human		
Product name	Sample types	Cat. #
Elafin (Trappin-2)	CS P S	HK318
Endocab	CS P S	HK504
EndoCab IgA	CS P S	HK504-IgA
EndoCab IgG	CS P S	HK504-IgG
EndoCab IgM	CS P S	HK504-IgM
LBP	CS P S	HK315

## How many tests would you like?

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

ELISA kits and assays for other species			
Product name	Species	Sample types	Cat. #
LAL Chromogenic Endpoint	N/A	Various	HIT302
LBP	Mouse	CS P S	HK205
LBP	Various	CS P S	HK503

Validated antibody applications:

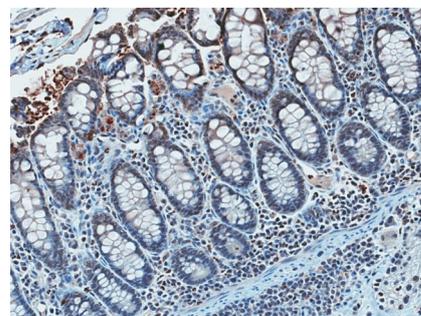
<b>F:</b> Frozen sections	<b>FC:</b> Flow cytometry
<b>FS:</b> Functional studies	<b>IA:</b> Immunoassay
<b>IF:</b> Immunofluorescence	<b>IP:</b> Immunoprecipitation
<b>P:</b> Paraffin sections	<b>W:</b> Western blot

## Need a custom formulation?

Ask us and we will advise you on the possibilities!

Antibodies				
Product name	Clone	Species	Applications	Cat. #
CC16	AY1E6	Human	F IA P W	HM2178
CHIPS, C-terminus	JCC1	N/A	F FC FS IA P W	HM6003
CHIPS, N-terminus	JNC1	N/A	F FC FS IA P W	HM6004
CNF1	NG8	N/A	FS IA W	HM6005
CNF1/CNF2	JC4	N/A	FS IA W	HM6006
Elafin	TRAB2F	Human	IA P W	HM2063

Antibodies				
Product name	Clone	Species	Applications	Cat. #
CC16	Human	AY1E6	F IA P W	HM2178
EF-Tu, E.coli	900	N/A	IA IF W	HM6010
Elafin	TRAB2F	Human	IA P W	HM2063
Elafin	TRAB2O	Human	IA P W	HM2062
LBP	1C7	Human	FS IA IP	HM2044
LBP	6G3	Human	FS IA IP	HM2043
LBP	M330-19	Mouse	FS IA W	HM1026
LBP	RR433-8	Mouse	FS IA W	HM1027
Lipid A	26-5	N/A	IA	HM6009
Lipid A, free	43	N/A	IA W	HM2046
LPS core	WN1 222-5	N/A	FS IA P W	HM6011
LTA	55	N/A	FC IA IF W	HM2048
Polymyxin B	45	N/A	IA W	HM2047
SbmA	pAb	N/A	IP W	HP6001
Shigatoxin 1	13C4	N/A	FS IA W	HM6007
Shigatoxin 2	11E10	N/A	FS IA W	HM6008



LPS core in the colon lumen of rhesus macaque. Staining of paraffin section with clone WN1 222-5 (Cat. # HM6011)

### Want a conjugated antibody?

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

Proteins and peptides			
Product name	Species	Quantity	Cat. #
CHIPS	N/A	10 µg	HC4012
Elafin, Rec.	Human	50 µg	HC4011
LALF, Peptide	N/A	100 µg	HC4031
LBP, Peptide	Human	100 µg	HC4030
Polymyxin B (PMB)	N/A	10E5 units	HC4020

### Product in bulk quantity?

Contact us for a customized quotation!

Microbial toxins			
Product name	Strain	Quantity	Cat. #
Lipid A, R515 (Re)	E.coli	1 mg	HC4049
Lipid A, R595 (Re)	Salmonella minnesota	1 mg	HC4057
LPS, EH100 (Ra)	E.coli	1 mg	HC4046
LPS, J5 (Rc)	E.coli	1 mg	HC4047
LPS, O8:K27	E.coli	1 mg	HC4065
LPS, O55:B5	E.coli	1 mg	HC4045
LPS, R5 (Rc)	Salmonella minnesota	1 mg	HC4054
LPS, R7 (Rd)	Salmonella minnesota	1 mg	HC4055
LPS, R60 (Ra)	Salmonella minnesota	1 mg	HC4052
LPS, R345 (Rb)	Salmonella minnesota	1 mg	HC4053
LPS, R515 (Re)	E.coli	1 mg	HC4048
LPS, R595 (Re)	Salmonella minnesota	1 mg	HC4056
LPS, S-form	Salmonella abortus equi	1 mg	HC4061
LPS, S-form	Salmonella enteritidis	1 mg	HC4059
LPS, S-form	Salmonella minnesota	1 mg	HC4051
LPS, S-form	Salmonella typhimurium	1 mg	HC4060
MPL-A, R515 (Re)	E.coli	0.5 mg	HC4050
MPL-A, R595 (Re)	Salmonella minnesota	0.5 mg	HC4058



## 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**



[www.hycultbiotech.com](http://www.hycultbiotech.com)

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