

Instant ELISA[®]

Simplify Your Research





eBioscience is committed to developing and manufacturing high-quality, innovative reagents in an ISO certified facility. As a provider of more than 10,000 products, we empower our customers worldwide to obtain exceptional results by using reagents that offer a new standard of excellence in the areas of innovation, quality and value.

Table of Contents

Instant ELISA® Kits	1
High quality by design equals performance for you. . . .	1
Advantages of Instant ELISA®	1
1. Instant ELISA®	2
Add Sample. Subtract the hassle.	2
Better value – More samples per kit.	3
Just a few steps to success.	3
2. Switching to Instant ELISA®	4
It's easy to change to Instant!.	4
3. Applicable Research Fields	5
Instant ELISA® is applicable to a number of research fields.	5
4. Instant ELISA® Product Listing	6
5. Customer Feedback	8



Instant ELISA® Kits

High quality by design equals performance for you.

In 2009, eBioscience acquired the premier European provider of immunoassay products, Bender MedSystems. Known for their attention to detail, high performance and reliable quality, the addition of Bender MedSystems brand products to the eBioscience ELISA portfolio provides you with a complete offering of ELISA kits with a reputation for:

- High sensitivity
- Reliable reproducibility
- Accurate results
- Ease-of-use
- Affordability

Whenever you see the "Q" symbol, you know you are using a product that meets exacting standards.

Advantages of Instant ELISA®

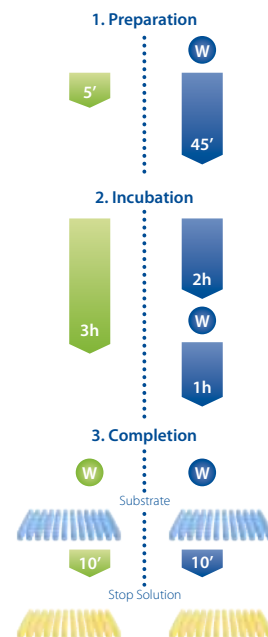
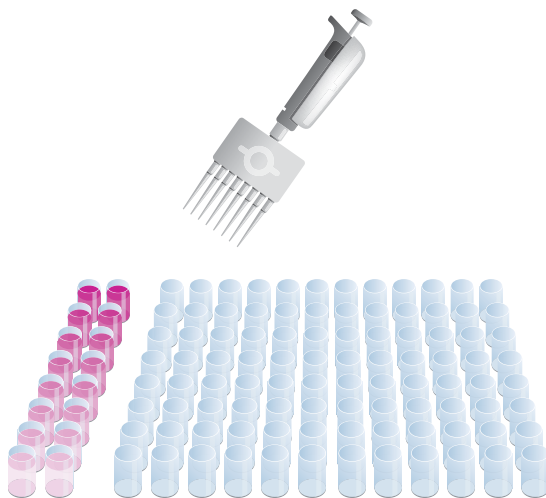
- **Time saving** – only 15 minutes to set up. Simply add sample to begin the assay.
- **Better value** – analyze 96 single samples (48 samples in duplicate) per kit. Standard curve data is generated in parallel well strips provided.
- **Built-in accuracy** – no need to add antibody or do serial dilution of standards. Reduced handling means less error and more consistent results.

Instant ELISA®

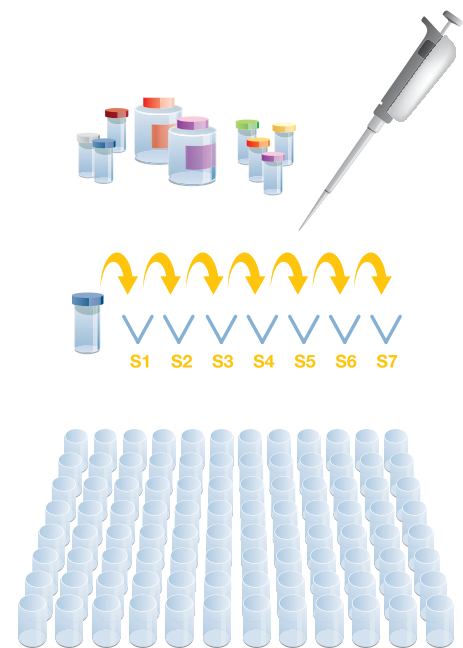
Add sample. Subtract the hassle.

The Instant ELISA® technology represents a major improvement of the established sandwich ELISA. The name 'Instant ELISA' says it all: the addition of sample is all that is required to start the assay—no laborious preparation of reagents, no serial dilutions of standards, and no sequential addition to the plate. In contrast to conventional ELISA protocols, the Instant ELISA® plate contains coating antibody and lyophilized detection antibody, streptavidin-HRP, and sample diluent. Wells containing the ready-to-use standard curve are provided separately.

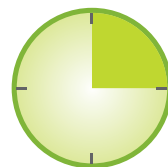
Instant ELISA®



Conventional ELISA



Instant ELISA®

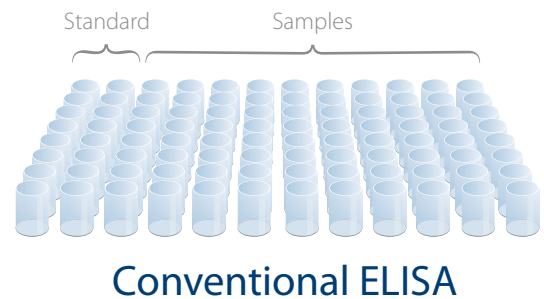


*Reduces Hands-on
time to 15 minutes!*

W W = Washing Step
S1 – S7 = Standard Dilutions

Better value – More samples per kit.

With the Instant ELISA® kit you receive a full 96 well plate for your samples, and two separately packed double standard curves. This enables the use of all 96 wells for your samples. In contrast, conventional ELISA kits allow the use of 80 wells on a 96 well plate for samples. Instant ELISA® **expands your ELISA capacity by 20%.**



Just a few steps to success.

With the Instant ELISA® kit, all the preparation work has been performed for you. There are **only 7 working steps** using the Instant ELISA®, as opposed to 17 steps using a conventional ELISA. As a result, you can **save about 1 hour** hands-on time per kit by adopting the Instant ELISA® technique.

17 Steps for Conventional ELISA		7 Steps for Instant ELISA®	
01	Washing of coated plate		
02	Reconstitution of standard protein		
03	Addition of sample diluent to standard wells		
04	Titration of standard curve		
05	Addition of sample diluent		
06	Sample addition		
07	Dilution of biotin conjugate	01	Rehydration of plate
08	Addition of biotin conjugate	02	Sample addition
09	Incubation	03	Incubation
10	Preparation of streptavidin-HRP		
11	Washing step		
12	Addition of streptavidin-HRP		
13	Incubation		
14	Washing step	04	Washing step
15	Addition of TMB substrate	05	Addition of TMB substrate
16	Addition of stop solution	06	Addition of stop solution
17	Calculation of results	07	Calculation of results

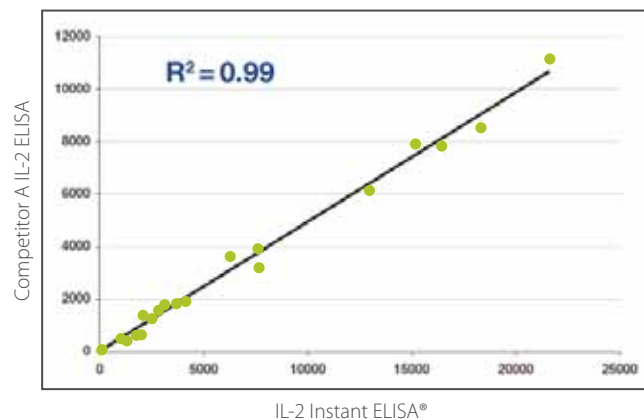
Switching to Instant ELISA®

It's easy to change to Instant!

To give you flexibility, eBioscience immunoassay kits are designed to utilize the same antibody pairs for most analytes. This enables you to obtain reliable and comparable data using any of our Instant ELISA®, Platinum ELISA and FlowCytomix™ kits. For example, if you are currently using an IL-2 Platinum ELISA, you can be confident in switching to the IL-2 Instant ELISA® knowing that the data generated across the two kits will remain consistent.

Serum Sample	IL-2 Instant ELISA®	Competitor IL-2 ELISA
Serum 1	72	93
Serum 2	61	78
Serum 3	72	66
Serum 4	31	43
Serum 5	3072	1783
Serum 6	974	485
Serum 7	16433	7826
Serum 8	1736	619
Serum 9	66	70
Serum 10	58	88
Serum 11	68	58
Serum 12	38	43
Serum 13	2473	1267
Serum 14	2055	1370
Serum 15	154	62
Serum 16	6270	3613
Serum 17	47	84
Serum 18	49	95
Serum 19	82	62
Serum 20	33	62
Serum 21	15169	7890
Serum 22	2803	1554
Serum 23	7599	3888
Serum 25	12917	6138
Serum 26	3660	1869
Serum 27	18258	8542
Serum 28	1975	622
Serum 29	4097	1881
Serum 30	7612	3197
Serum 31	3680	1806
Serum 32	1288	405

Correlation: 0.996



Performance Comparison of Human IL-2 Instant ELISA® to Conventional ELISA

Human IL-2 Instant ELISA® (cat. no. BMS221INST) was tested against a competitive conventional IL-2 ELISA kit. 32 serum samples were applied with the coefficient of determination of 0.99 demonstrating comparable performance of the Instant ELISA® against conventional ELISA kits.

Instant ELISA® Kits are available for key targets in many research fields.

Research Field	Analytes
Airway Inflammation	sCD30, sE-selectin, sICAM-1, IFN-γ, sIL-2R, IL-4, IL-5, IL-6, IL-8, IL-10, IL-13, IL-18, sL-selectin, MCP-1, RANTES, TGF-β1, TNF-α, sTNF-R (60kDa)
Apoptosis	BAFF, Caspase-3, sCD30, sCD40L, MPO, OPG, TNF-α, sTNF-R (60kDa), sTNF-R (80kDa), TWEAK, sVE-cadherin
Atopic Dermatitis	sCD30, sICAM-1, IFN-γ, IL-1β, IL-4, IL-5, IL-10, IL-13, IL-18, TNF-α
Bone Markers	BAFF, Caspase-3, CRP, IL-1β, IL-6, sIL-6R, IL-18, Iso-Insulin, MMP-3, OPG, Osteocalcin, TNF-α, TNF-β, TGF-β1
Cardiovascular Disorders	sCD40L, CRP, sE-selectin, sICAM-1, IL-1β, IL-6, IL-8, IL-18, MCP-1, MPO, RANTES, TGF-β1, TNF-α, sTNF-R (60kDa), sTNF-R (80kDa)
Cell Stress	CRP, IL-1β, IL-6, IL-8, MCP-1, MPO, TNF-α
Diabetes	sCD40L, CRP, sICAM-1, IFN-α, IFN-γ, IL-1β, IL-2, sIL-2R, IL-6, IL-7, IL-8, IL-10, IL-18, Iso-Insulin, Leptin, MCP-1, MIP-1α, MIP-1β, MPO, OPG, RANTES, TGF-β1, TNF-α, TNF-β
Immune Regulation	BAFF, sCD27, sCD30, sCD40L, G-CSF, GM-CSF, IFN-α, IFN-γ, IL-2, IL-4, IL-6, IL-10, IL-13, TGF-β1, TNF-α
Inflammation	CD30, sCD40L, CRP, sE-selectin, G-CSF, GM-CSF, sICAM-1, IFN-α, IFN-γ, IL-1β, IL-4, IL-6, sIL-6R, IL-8, IL-10, IL-13, IL-18, MCP-1, MIG, MIP-1α, MIP-1β, sPECAM-1, sL-selectin, RANTES, TGF-β1, TNF-α, sTNF-R (60 kDa), sTNF-R (80 kDa)
Preeclampsia	CRP, IFN-γ, IL-4, IL-6, IL-8, IL-10, IL-18, MCP-1, TNF-α
Rheumatoid Arthritis	BAFF, sCD30, sE-selectin, sICAM-1, sICAM-3, IFN-α, IL-1β, IL-4, IL-6, IL-7, IL-8, IL-10, IL-13, IL-18, sL-selectin, MCP-1, MIP-1α, OPG, TNF-α, TGF-β1
Sepsis/Septic Shock	CRP, sE-selectin, G-CSF, GM-CSF, IFN-γ, IL-1β, IL-4, IL-6, IL-7, IL-8, IL-10, IL-13, IL-18, sL-selectin, MCP-1, MIP-1α, MIP-1β, RANTES, TGF-β1, TNF-α, sTNF-R (60 kDa), sTNF-R (80 kDa)
Systemic Lupus Erythematosus	CRP, IL-1β, IL-6, IL-8, MCP-1, MPO, TNF-α/TNF / TNF-R Family Members BAFF, sCD27, sCD30, sCD40L, OPG, TNF-α, TNF-β, sTNF-R (60 kDa), sTNF-R (80 kDa)
Transplantation	sCD30, CRP, sE-selectin, G-CSF, GM-CSF, sICAM-1, IFN-γ, IL-1β, IL-2, sIL-2R, IL-4, IL-6, IL-8, IL-10, IL-18, MCP-1, MIG, MIP-1α, MIP-1β, MPO, Osteocalcin, TGF-β1, TNF-α, sTNF-R (60 kDa), sTNF-R (80 kDa)
Tumor Biology	CD30, sCD40L, sCD44std, sCD44var (v5), sCD44var (v6), sCD80/B7-1, sCD86/B7-2, CRP, sE-selectin, G-CSF, GM-CSF, sHER-2, sICAM-1, sICAM-3, IFN-γ, IL-1β, IL-2, sIL-2R, IL-4, IL-6, IL-7, IL-8, IL-10, IL-18, MCP-1, MMP-3, sPECAM-1, RANTES, TGF-β1, TNF-α, sTNF-R (60 kDa), sVE-cadherin

Instant ELISA® Product Listing



Human Instant ELISA® Kits

Analyte	Standard Range	Cat. No.
BAFF	0.31 - 20.0 ng/ml	BMS2007INST
Caspase-3	0.16 - 10.0 ng/ml	BMS2012INST
sCD27	0.63 - 20.0 U/ml	BMS286INST
sCD30	1.6 - 100 ng/ml	BMS240INST
sCD40L	0.16 - 10.0 ng/ml	BMS239INST
sCD44std	0.063 - 4.0 ng/ml	BMS209INST
sCD44var (v5)	0.16 - 10.0 ng/ml	BMS220INST
sCD44var (v6)	0.16 - 10.0 ng/ml	BMS210INST
sCD80/B7-1	0.31 - 20.0 ng/ml	BMS291INST
sCD86/B7-2	0.8 - 50 ng/ml	BMS292INST
CRP	78 - 5,000 pg/ml	BMS288INST
sE-selectin	0.8 - 50 ng/ml	BMS205INST
G-CSF	39 - 2,500 pg/ml	BMS2001INST
GM-CSF	7.8 - 500 pg/ml	BMS283INST
sHER-2	0.16 - 10.0 ng/ml	BMS207INST
sICAM-1	1.6 - 100 ng/ml	BMS201INST
sICAM-1 high sensitive	0.16 - 10.0 ng/ml	BMS241INST
sICAM-3	0.8 - 50 ng/ml	BMS218INST
IFN α	39 - 2,500 pg/ml	BMS216INST
IFN γ	1.6 - 100 pg/ml	BMS228INST
IL-1 β	7.8 - 500 pg/ml	BMS224INST
IL-2	19 - 1,200 pg/ml	BMS221INST
sIL-2R	0.31 - 20.0 ng/ml	BMS212INST
IL-4	7.8 - 500 pg/ml	BMS225INST
IL-5	7.8 - 500 pg/ml	BMS278INST
IL-6	1.6 - 100 pg/ml	BMS213INST
sIL-6R	0.08 - 5.0 ng/ml	BMS214INST
IL-7	15.6 - 1,000 pg/ml	BMS237INST
IL-8	15.6 - 1,000 pg/ml	BMS204/3INST
IL-10	3.2 - 200 pg/ml	BMS215INST
IL-13	3.2 - 200 pg/ml	BMS231INST
IL-18	78 - 5,000 pg/ml	BMS267INST
IP-10	3.2 - 200 pg/ml	BMS284INST
Iso-Insulin	31.3 - 2,000 pg/ml	BMS2003INST
Leptin	63 - 4,000 pg/ml	BMS2039INST
sL-selectin	0.39 - 25.0 ng/ml	BMS206INST
MCP-1	15.6 - 1,000 pg/ml	BMS281INST
MIG	31.3 - 2,000 pg/ml	BMS285INST
MIP-1 α	15.6 - 1,000 pg/ml	BMS2029INST
MIP-1 β	7.8 - 500 pg/ml	BMS2030INST
MMP-3	0.39 - 25 ng/ml	BMS2014/2INST

 New products are launched regularly. **Discover more at www.eBioscience.com.**

Human Instant ELISA® Kits (continued)

Analyte	Standard Range	Cat. No.
MPO	0.16 - 10.0 ng/ml	BMS2038INST
OPG	15.6 - 1,000 pg/ml	BMS2021INST
Osteocalcin	1.2 - 75 ng/ml	BMS2020INST
sPECAM-1	0.48 - 30.0 ng/ml	BMS229INST
RANTES	31.3 - 2,000 pg/ml	BMS287/2INST
TGFβ ¹	63 - 4,000 pg/ml	BMS249/2INST
TNFα	7.8 - 500 pg/ml	BMS223INST
TNFβ	15.6 - 1,000 pg/ml	BMS202INST
sTNF-R (60kDa)	0.08 - 5.0 ng/ml	BMS203INST
TWEAK	15.6 - 1,000 pg/ml	BMS2006INST
sVE-cadherin	0.16 - 10.0 ng/ml	BMS253INST



Mouse Instant ELISA® Kits

Analyte	Standard Range	Cat. No.
IFN _γ	15.6 - 1,000 pg/ml	BMS606INST
IL-1α	7.8 - 500 pg/ml	BMS611INST
IL-1β	3.9 - 250 pg/ml	BMS6002INST
IL-4	3.9 - 250 pg/ml	BMS613INST
IL-10	31.3 - 2,000 pg/ml	BMS614/2INST
MCP-3	15.6 - 1,000 pg/ml	BMS6006INST
MCP-5	15.6 - 1,000 pg/ml	BMS6007INST
RANTES	7.8 - 500 pg/ml	BMS6009INST
TNFα	31.3 - 2,000 pg/ml	BMS607/2INST
sTNF-R II	7.8 - 500 pg/ml	BMS6003INST

Monkey Instant ELISA® Kits

Analyte	Standard Range	Cat. No.
sE-selectin	0.9 - 60 U/ml	BMS649INST
sICAM-1	1.6 - 100 U/ml	BMS648INST
IL-6	1.9 - 120 U/ml	BMS641INST
IL-8	19.5 - 1,250 U/ml	BMS640/3INST
IL-10	3.9 - 250 U/ml	BMS642INST
sPECAM-1	0.48 - 30.0 U/ml	BMS651INST
sTNF-R I	0.09 - 6.0 U/ml	BMS653INST

Rat Instant ELISA® Kits

Analyte	Standard Range	Cat. No.
MCP-1	7.8 - 500 pg/ml	BMS631INST



Please inquire about CE-IVD Instant ELISA® kits.

Customer Feedback

“My team investigates the effects of new drugs on human blood cells. Therefore we measure cytokines in cell culture supernatants. The TNF- α Instant ELISA[®] helps us to save a lot of time; so much more data can now be obtained within a single working week. If you are pressed for time and you have to generate reliable data this is an enormous advantage!”

*Dr. Matthias John,
Roche Kulmbach GmbH Kulmbach, Germany*

“After comparing the Instant ELISA[®] with conventional ELISAs, I now prefer the Instant, because it is so much less labor-intensive, and even more cost-effective considering the higher number of samples that can be tested per kit. I like the amazingly easy and convenient Instant ELISA[®] assay protocol. All the reagents are ready-to-use, including the standard curve, which is provided as freeze-dried pellets in the designated wells. Since there is only one washing step I save a lot of time, and I risk less pipetting errors, which might happen in particular while preparing serial dilutions of the standard protein. I would never change back again!”

*Dr. Kersten Fischer, Research Laboratory for Urology
University Clinic and Polyclinic for Urology,
Halle/Saale*

“Instant ELISA's[®] are incomparably fast and simple to set-up and unmatched in their reproducibility—makes it easy to multitask during your busy day.”

*From a Senior Research Scientist located at a major
Pharmaceutical Company in the US*



Headquarters

eBioscience, Inc.
10255 Science Center Drive
San Diego, CA 92121
USA

SERVICE AND SUPPORT FOR DIRECT SALES

North America

Technical Support:
For Research Products:
888.810.6168
858.642.2058
tech@eBioscience.com
For Clinical Products:
877.726.8559
858.642.2058
tech@eBioscience.com
Customer Service:
888.999.1371
858.642.2058
info@eBioscience.com
Fax:
858.642.2046

Austria

Technical Support:
tech@eBioscience.com
Customer Service:
+43 1 796 40 40-305
Austria@eBioscience.com
Fax:
+43 1 796 40 40-400

Belgium

Technical Support:
tech@eBioscience.com
Customer Service:
+43 1 796 40 40 - 308
Belgium@eBioscience.com
Fax:
+43 1 796 40 40 - 400

France

Technical Support:
tech@eBioscience.com
Customer Service:
0 800 800 417
France@eBioscience.com
Fax:
0 800 800 418

Germany

Technical Support:
tech@eBioscience.com
Customer Service:
069 33 29 64 56
Germany@eBioscience.com
Fax:
069 255 77 335

Ireland

Technical Support:
tech@eBioscience.com
Customer Service:
+44 208 951 4482
Ireland@eBioscience.com
Fax:
+44 208 952 7527

Netherlands

Technical Support:
tech@eBioscience.com
Customer Service:
+43 1 796 40 40 - 308
Netherlands@eBioscience.com
Fax:
+43 1 796 40 40 - 400

Switzerland

Technical Support:
tech@eBioscience.com
Customer Service:
+41 21 510 1214
Switzerland@eBioscience.com
Fax:
+41 21 510 1216

United Kingdom

Technical Support:
tech@eBioscience.com
Customer Service:
+44 208 951 4482
UK@eBioscience.com
Fax:
+44 208 952 7527

Customers in countries where direct sales are not available may contact their eBioscience distributor listed at www.eBioscience.com/distributors

www.eBioscience.com

