



Naked Gold[®] (Concentrated Gold Sol)

BioAssay Works's highly concentrated 15 - 50 OD Naked Gold:

- is produced by a proprietary process that does not involve the traditional boiling and centrifugation methods;
- is made by a unique process allowing the end-user to directly coat antibody or soluble proteins onto gold without the need to concentrate the gold via centrifugation;
- saves time and reduces waste of antibody and conjugate;
- minimizes the potential for aggregates by eliminating the gold concentration centrifugation step;
- offers outstanding lot-to-lot consistency;

Please note: For conjugation, see our Gold-in-a-Box™ kit that includes buffers and coating protocol.

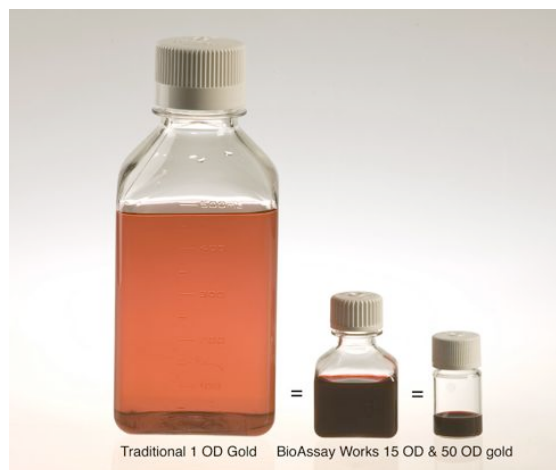
The unique gold sol properties and coating procedure contribute to increased sensitivity and optimized assay performance.

15 OD Naked Gold[®]

Product Code	Description	QTY	Size	OD
NG20-B001	Colloidal Gold Sol	1 ml	20 nm	15
NG20-B009	Colloidal Gold Sol	9 ml	20 nm	15
NG20-B044	Colloidal Gold Sol	44 ml	20 nm	15
NG20-B100	Colloidal Gold Sol	100 ml	20 nm	15
NG30-B001	Colloidal Gold Sol	1 ml	30 nm	15
NG30-B009	Colloidal Gold Sol	9 ml	30 nm	15
NG30-B044	Colloidal Gold Sol	44 ml	30 nm	15
NG30-B100	Colloidal Gold Sol	100 ml	30 nm	15
NG40-B001	Colloidal Gold Sol	1 ml	40 nm	15
NG40-B009	Colloidal Gold Sol	9 ml	40 nm	15
NG40-B044	Colloidal Gold Sol	44 ml	40 nm	15
NG40-B100	Colloidal Gold Sol	100 ml	40 nm	15
NG80-B001	Colloidal Gold Sol	1 ml	80 nm	15
NG80-B009	Colloidal Gold Sol	9 ml	80 nm	15
NG80-B044	Colloidal Gold Sol	44 ml	80 nm	15
NG80-B100	Colloidal Gold Sol	100 ml	80 nm	15

Dressed Gold[®] (Labeled Colloidal Gold Sol)

BioAssay Works' Dressed Gold is produced from our proprietary Naked Gold sol and has not been boiled, or centrifuged. The highly active gold particles contribute to increased sensitivity in lateral flow assays.



Product Code	Description	QTY	Size	OD
DGHG – B001	Goat anti-human IgG (H & L)	1 ml	40 nm	15
DGHG – B009	Goat anti-human IgG (H & L)	9 ml	40 nm	15
DGHA – B001	Goat anti-human IgA (Alpha Chain)	1 ml	40 nm	15
DGHA – B009	Goat anti-human IgA (Alpha Chain)	9 ml	40 nm	15
DGHM – B001	Goat anti-human IgM (Mu Chain)	1 ml	40 nm	15
DGHM – B009	Goat anti-human IgM (Mu Chain)	9 ml	40 nm	15
DGMG – B001	Goat anti-mouse IgG (H & L)	1 ml	40 nm	15
DGMG – B009	Goat anti-mouse IgG (H & L)	9 ml	40 nm	15
DGRG – B001	Goat anti-rabbit IgG (H & L)	1 ml	40 nm	15
DGRG – B009	Goat anti-rabbit IgG (H & L)	9 ml	40 nm	15
DRGG – B001	Rabbit anti-goat IgG (H & L)	1 ml	40 nm	15
DRGG – B009	Rabbit anti-goat IgG (H & L)	9 ml	40 nm	15
DPRA – B001	Protein A	1ml	40 nm	15
DPRA – B009	Protein A	9 ml	40 nm	15
DPRG – B001	Protein G	1 ml	40 nm	15
DPRG – B009	Protein G	9 ml	40 nm	15
DSTA – B001	Streptavidin	1 ml	40 nm	15
DSTA – B009	Streptavidin	9 ml	40 nm	15
DGBB-B001	Biotinylated BSA	1 ml	40 nm	15
DGBB-B009	Biotinylated BSA	9 ml	40 nm	15
DGMB-B001	Mouse anti-Biotin	1 ml	40 nm	15
DGMB-B009	Mouse anti-Biotin	9 ml	40 nm	15



50 OD Dressed Gold® Conjugates

Product Code	Description	QTY	Size	OD
DGHGL – B001	Goat anti-human IgG (H & L)	1 ml	40 nm	50
DGHGL – B009	Goat anti-human IgG (H & L)	9 ml	40 nm	50
DGHAL – B001	Goat anti-human IgA (Alpha Chain)	1 ml	40 nm	50
DGHAL – B009	Goat anti-human IgA (Alpha Chain)	9 ml	40 nm	50
DGHML – B001	Goat anti-human IgM (Mu Chain)	1 ml	40 nm	50
DGHML – B009	Goat anti-human IgM (Mu Chain)	9 ml	40 nm	50
DGMGL – B001	Goat anti-mouse IgG (H & L)	1 ml	40 nm	50
DGMGL – B009	Goat anti-mouse IgG (H & L)	9 ml	40 nm	50
DGRGL – B001	Goat anti-rabbit IgG (H & L)	1 ml	40 nm	50
DGRGL – B009	Goat anti-rabbit IgG (H & L)	9 ml	40 nm	50
DRGGL – B001	Rabbit anti-goat IgG (H & L)	1 ml	40 nm	50
DRGGL – B009	Rabbit anti-goat IgG (H & L)	9 ml	40 nm	50
DPRAL – B001	Protein A	1ml	40 nm	50
DPRAL – B009	Protein A	9 ml	40 nm	50
DPRGL – B001	Protein G	1 ml	40 nm	50
DPRGL – B009	Protein G	9 ml	40 nm	50
DSTAL – B001	Streptavidin	1 ml	40 nm	50
DSTAL – B009	Streptavidin	9 ml	40 nm	50

Au/Ag Dressed Gold/Silver™ Nanoparticles & Conjugates

Product Code	Description	QTY	Size	OD
AUAG – A001	Au-Ag Nanoparticles	1 ml	50 nm	6
AUAG – A009	Au-Ag Nanoparticles	9 ml	50 nm	6
AAPR – A001	Au-Ag Protein A	1 ml	50 nm	6
AAST – A001	Au-Ag Streptavidin	1 ml	50 nm	6

Gold-in-a-Box™ Our Gold-in-a-Box is an easy-to-use kit for preparing highly reactive gold conjugates.

The Gold-in-a-Box kit enables users to quickly determine (in less than one hour) the optimal colloidal gold binding conditions for attaching soluble proteins, and primarily the Fc portion of purified monoclonal and polyclonal antibodies.



The resulting gold particles are highly active, and greatly increase the sensitivity of lateral flow tests. Also, available separately, is a treated ribbon to produce an optimized gold conjugate pad. Customized components are available upon request.

Product Code	Description	QTY
NGIB01-B018	Gold-in-a-Box™ conjugation kit (contains 1 x 9 ml 20 nm & 1 x 9 ml 40 nm, 15 OD gold plus reagents)	1 Kit
NGIB02-B018	Gold-in-a-Box™ conjugation kit (contains 2 x 9 ml 40 nm, 15 OD gold plus reagents)	1 Kit
NGIB03-B018	Gold-in-a-Box™ conjugation kit (contains 2 x 9 ml 20 nm, 15 OD gold plus reagents)	1 Kit
NGIB04-B018	Gold-in-a-Box™ conjugation kit (contains 2 x 9 ml 60 nm, 15 OD gold plus reagents)	1 Kit
NGIB05-B018	Gold-in-a-Box™ conjugation kit (contains 2 x 9 ml 80 nm, 15 OD gold plus reagents)	1 Kit
NGIB06-B018	Gold-in-a-Box™ conjugation kit (contains 1 x 9 ml 60 nm & 1 x 9 ml 80 nm, 15 OD gold plus reagents)	1 Kit
NGIB07-B018	Gold-in-a-Box™ conjugation kit (contains 1 x 9 ml 40 nm & 1 x 9 ml 60 nm, 15 OD gold plus reagents)	1 Kit
NGIB08-B018	Gold-in-a-Box™ conjugation kit (contains 1 x 9 ml 40 nm & 1 x 9 ml 80 nm, 15 OD gold plus reagents)	1 Kit
NGIB09-B018	Gold-in-a-Box™ conjugation kit (contains 1 x 9 ml 30 nm & 1 x 9 ml 40 nm, 15 OD gold plus reagents)	1 Kit
NGIB01-B044	Gold-in-a-Box™ conjugation kit. (contains 44 ml of 20 nm 15 OD gold)	1 Kit
NGIB02-B044	Gold-in-a-Box™ conjugation kit. (contains 44 ml of 60 nm 15 OD gold)	1 Kit
NGIB03-B044	Gold-in-a-Box™ conjugation kit. (contains 44 ml of 40 nm 15 OD gold)	1 Kit
NGIB01-B100	Gold-in-a-Box™ conjugation kit. (contains 100 ml of 20 nm 15 OD gold)	1 Kit
NGIB02-B100	Gold-in-a-Box™ conjugation kit. (contains 100 ml of 40 nm 15 OD gold)	1 Kit
NGIB03-B100	Gold-in-a-Box™ conjugation kit. (contains 100 ml of 60 nm 15 OD gold)	1 Kit



Gold-in-a-Box™ & Reagents Our Gold-in-a-Box is an easy-to-use kit for preparing highly reactive gold conjugates in less than one hour.

Product Code	Gold-in-a-Box Products - Description	QTY
TTRK-001	Conjugate Ribbon kit (Contains 2 ml Drying buffer plus 4 x 30 cm activated gold ribbon)	1 Kit
GDB-002	Conjugate Drying Buffer (2 ml Drying buffer sufficient for 100 cm ribbon)	1 Bottle
ISOT-003	Sample Diluent Buffer (Contains 25 ml buffer sufficient for 250 assays)	1 Bottle
ISOT-004	Sample Diluent Buffer (Contains 45 ml buffer sufficient for 450 assays)	1 Bottle
BLK-001	BSA Conjugate Blocking Solution (Sufficient for 20 mL of conjugate)	1 Bottle
BLK-010	BSA Conjugate Blocking Solution (Sufficient for 100 mL of conjugate)	1 Bottle

Latex-in-a-Box™

Our Latex-in-a-Box is an easy-to-use kit for preparing latex conjugates.

Product Code	Description	QTY
LPKIB01-B009 Black	Latex-in-a-Box conjugation kit (contains 1 x 9 ml of 1% Black 0.3 micron latex particles plus reagents)	1 Kit
LPRIB01-B009 Red	Latex-in-a-Box conjugation kit (contains 1 x 9 ml of 1% Red 0.3 micron latex particles plus reagents)	1 Kit
LPLIB01-B009 Blue	Latex-in-a-Box conjugation kit (contains 1 x 9 ml of 1% Blue 0.3 micron latex particles plus reagents)	1 Kit

Iso-Gold™ Rapid Mouse-Monoclonal Isotyping Kit

The Iso-Gold™ kit is a rapid-format isotyping kit that reduces the labor of the traditional ELISA kit from a day-and-a-half procedure to a five-minute assay. The Iso-Gold™ kit also determines monoclonal antibody purity and identifies sub-class contamination; multiple lines indicate sub-class contamination.



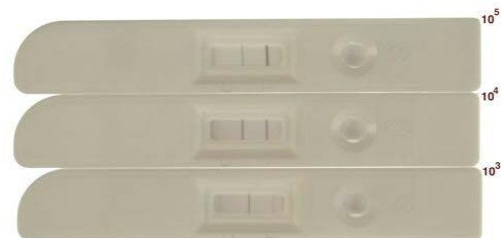
Product Code	Description	QTY	Size
TISO-001	Iso-Gold Rapid Mouse-Monoclonal Isotyping kit	1	5 test determinations
ISOT-001	Iso-Gold Rapid Mouse-Monoclonal Isotyping kit	1	10 test determinations
KISO-001	Iso-Gold Rapid Mouse-Monoclonal Isotyping $\kappa\lambda$ kit (Includes 5 Kappa and Lambda test strip)	1	5 test determinations
KSOT-001	Iso-Gold Rapid Mouse-Monoclonal Isotyping $\kappa\lambda$ kit (Includes 10 Kappa and Lambda test strips)	1	10 test determinations
	Bulk configuration kits available		

Protein A – Antibody Purification Kit

The Protein A Antibody Purification kit gently purifies a monoclonal antibody in twenty minutes to separate desired mAb from extraneous supernatant components. Useful for ascites and hybridoma fluid. Contents: 10 mL glass column containing 1 mL of protein A agarose , 50 mL Elution Buffer, 50 mL Equilibrating Buffer and 500 uL Stabilizing Buffer.



Product Code	Description	QTY	Size
PURA-001	Protein A Antibody Purification kit	1	1 kit (10 purifications)



Research Use Assay Kits

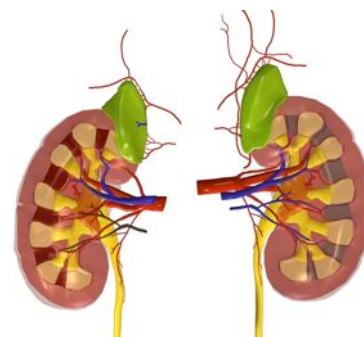
Product Code	Description	QTY	Size
ETLF-001	Lateral-flow qualitative rapid test for the detection of E. coli 0157:H7	1	20 test determinations
STLF-001	Lateral-flow qualitative rapid test for the detection of Salmonella	1	20 test determinations
HPLF-001	Lateral-flow qualitative rapid test for the detection of H. pylori antibody in serum, plasma and whole blood	1	20 test determinations
VLET-001	Vaccinia antibody detection ELISA determines antibody titers with 95% correlation to western blot.	1	96 well ELISA

Research use kidney damage assay kits, KIM-1 and Kim-1

BioAssay Works® introduces the industries' first rapid test for early detection of kidney damage.

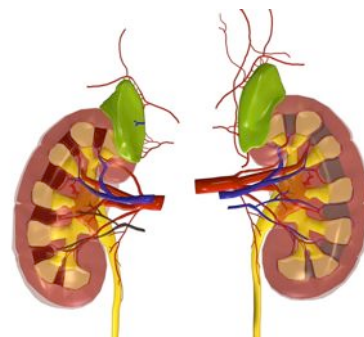
H-Rena-strip and R-Rena-strip Lateral-Flow Tests
H-Rena and R-Rena ELISA Assays

The Rena-strip is a highly sensitive lateral-flow assay for the detection of KIM-1 (human) and Kim-1 (rat) novel biomarkers in samples from human and rat urine. Many organizations and agencies, such as the FDA, the European Medicine Agency and the Critical Path Institute's Preventive Safety Testing Consortium (PST) recognize KIM-1 as an excellent tool in pre-clinical study to monitor acute kidney tubular toxicity. The KIM-1 (human) and Kim-1 (rat) biomarkers have been shown to be the highest performing of all conventional kidney damage markers.



Product Code	Description - Human Lateral-Flow Tests	QTY	Size
H-RENA-025	Human Rena-strip lateral flow strips	1	25 test strips
H-RENA-050	Human Rena-strip lateral flow strips	1	50 test strips
	Bulk sizes available		

Product Code	Description – Rat Lateral-Flow Tests	QTY	Size
R-RENA-025	Rat Rena-strip lateral flow strips	1	25 test strips
R-RENA-050	Rat Rena-strip lateral flow strips	1	50 test strips
	Bulk sizes available		



Research use kidney damage ELISA assay kits, KIM-1 and Kim-1

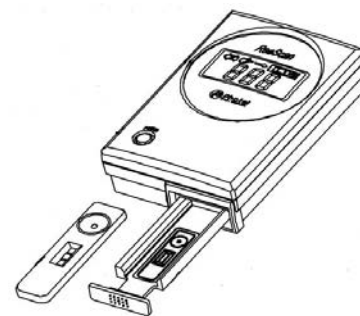
H-Rena and R-Rena ELISA Assays

Product Code	Description - Human ELISA Tests	QTY	Size
H-RENA-E-001	Human Rena ELISA kit	1	1 Plate Kit
H-RENA-E-005	Human Rena ELISA kit	1	5 Plate Kit
	Bulk sizes available		

Product Code	Description – Rat Lateral-Flow Tests	QTY	Size
R-RENA-E-001	Rat Rena ELISA kit	1	1 Plate Kit
R-RENA-E-005	Rat Rena ELISA kit	1	5 Plate Kit
	Bulk sizes available		

Hand-held lateral-flow readers – Easy-to-use portable reader options for assay quantification

Product Code	Description - single line reader	QTY
LFCR-001	Single line reader	1
LFCR-005	Single line reader	5



Product Code	Description - multiple line reader	QTY
LFDR-001	Multiple line reader	1
LFDR-005	Multiple line reader	5



Tell-Tale Gold[®] Ribbon

BioAssay Works' Tell Tale Gold[®] polyester ribbon impregnated with our conjugated Protein A and Protein G concentrated gold particles and dried in a proprietary process that ensures rapid release. We also offer gold ribbon for any monoclonal/polyclonal antibody or soluble protein on a custom basis.



Product Code	Description	QTY	Size	OD
TTGA-B001	Protein A Tell-Tale Gold [®] Ribbon	1	1 cm x 100 cm	.13/ cm ²
TTGA-B002	Protein A Tell-Tale Gold [®] Ribbon	1	1 cm x 100 cm	.25/ cm ²
TTGA-B003	Protein A Tell -Tale Gold [®] Ribbon	1	1 cm x 100 cm	.50/ cm ²
TTGG-B001	Protein G Tell-Tale Gold [®] Ribbon	1	1 cm x 100 cm	.13/ cm ²
TTGG-B002	Protein G Tell-Tale Gold [®] Ribbon	1	1 cm x 100 cm	.25/ cm ²
TTGG-B003	Protein G Tell-Tale Gold [®] Ribbon	1	1 cm x 100 cm	.50/ cm ²
TTGA-S001	Protein A Tell-Tale Gold [®] Ribbon Sample Pack	1	1 cm x 33 cm 1 cm x 33 cm 1 cm x 33 cm	.13/ cm ² .25/ cm ² .50/ cm ²
TTGG-S001	Protein G Tell-Tale Gold [®] Ribbon Sample Pack	1	1 cm x 33 cm 1 cm x 33 cm 1 cm x 33 cm	.13/ cm ² .25/ cm ² .50/ cm ²
TTRK-001	Conjugate Ribbon kit (Contains 2 ml Drying buffer plus 4 x 30 cm treated polyester ribbon)	1	4 x 1 cm x 30 cm	
GDB-002	Conjugate Drying Buffer (Sufficient for 100 cm ribbon)	1 Bottle	2 ml	
LFSD-025	Sample Diluent Buffer (Contains 25 ml buffer sufficient for 2,000 assays)	1 Bottle	25 ml Sufficient for 2,000 assays	

Custom Conjugation Services, Antibody & Hybridoma Development - we offer our extensive experience in conjugating soluble proteins, haptens, hydrophobic proteins, and viral and bacterial proteins to our concentrated gold sol to speed your assay research. Our unique concentrated gold sol, capability in assay optimization, and our patented C-FLAT[®] assay platforms have produced numerous ultra-sensitive assays for our clients.

Assay Development – Our experience and technical capabilities save clients time and money and assure a robust rapid test. We have extensive skill in the development of urine-, saliva-, and serum-based tests as well as in environmental assays.

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