

40nm ANTI-HUMAN GOLD CONJUGATE RANGE

Applications Lateral flow / Biosensors / Research

Product	BA.GAHL40	BA.GAH40	BA.GAHA40	BA.GAHM40	BA.PAG40	BA.MAHE40
Antibody function	Goat Anti Human IgG (H+L) 40nm OD10. Polyclonal affinity purified IgG antibody for detection of whole molecule Human IgG.	Goat Anti Human IgG 40nm OD10. Polyclonal affinity purified IgG antibody for detection of Fc γ portion of Human IgG Heavy Chain.	Goat Anti Human IgA 40nm OD10. Polyclonal affinity purified IgG antibody for detection of α Heavy Chain of Human IgA.	Goat Anti Human IgM 40nm OD10. Polyclonal affinity purified IgG antibody for detection of Fc μ fragment of Human IgM heavy chain.	Protein A 40nm OD10. Staphylococcal Protein A for detection of Fc region of IgG antibodies.	Monoclonal Anti Human IgE 40nm OD10. IgG1 antibody raised in ascites purified by chromatography for detection of Human IgE.
Vehicle buffer	2mM Di-Sodium Tetraborate pH 7.2, with 0.095% Sodium Azide.	2mM Di-Sodium Tetraborate pH 8.2, with 0.095% Sodium Azide.	2mM Di-Sodium Tetraborate pH 8.2, with 0.095% Sodium Azide.	2mM Di-Sodium Tetraborate pH 9.0, with 0.095% Sodium Azide.	2mM Di-Sodium Tetraborate pH 7.2, with 0.095% Sodium Azide.	2mM Di-Sodium Tetraborate pH 9.0, with 0.095% Sodium Azide.
Other additives	Bovine Serum Albumin (BSA). Nominal concentration 0.1% BSA is sourced from the USA. Animals receive pre- and post- mortem examination.					
Product use	Suitable for use in lateral flow devices, the product can be utilised in a range of matrices including whole blood, serum, urine, saliva and milk and can be dried down onto glass fibre / lyophilised easily without affecting activity. These products are supplied in a low molarity buffer. The buffer maintains stability of the antibody and the colloidal gold particles whilst being easily diluted away in the users' buffer of choice. This negates costly buffer exchange procedures.					
Additional notes	This product can be used to detect or label any Human IgG.	This product can be used to detect or label any Human IgG Fc γ portion.	This product can be used to detect or label any Human IgGA α chain.	This product can be used to detect or label any Human IgM Fc μ portion.	This product can be used to detect or label any IgG Fc portion.	This product can be used to detect or label any Human IgE.

Why BBI?

- + **Large batch sizes** – our production facilities allow us to offer large batch sizes ranging from 5ml to 24 litres OD10 equivalent.
- + **Proven stability** – meaning this product is always available on your shelf to meet your challenging production schedule.
- + **Secure supply** – with over 30 years' experience manufacturing gold nanoparticles and gold conjugates, you can be confident in a secure supply.

Order your evaluation sample today

Product details	Manufactured on a solid base of BBI's high quality gold particles, by a dedicated team of experienced conjugation scientists, the product performance is consistent from batch-to-batch. The product is available in standard pack sizes including a 5ml sample pack. Samples of this product are always in stock at BBI and immediately available for your needs. Product is supplied at OD10 (A520nm). Antibody loading, gold particle size and final OD can be manipulated for ultimate performance in your assay – ask about BBI Solutions custom conjugation service.
Stability	BA.GAHL40, BA.GAH40, BA.GAHA40, BA.GAHM40 & BA.PAG40: 24 months from date of manufacture. BA.MAHE40: 3 months from date of manufacture. Store at 2-8°C. Do Not Freeze.
Testing data	Lateral flow.

Ordering details: Use the following codes when ordering

Product	Code	Description
Goat Anti Human IgG (H+L) 40nm OD10	BA.GAHL40/x	5ml pack size
	BA.GAHL40/7	100ml pack size
	BA.GAHL40/8	500ml pack size
Goat Anti Human IgG 40nm OD10	BA.GAH40/x	5ml pack size
	BA.GAH40/7	100ml pack size
	BA.GAH40/8	500ml pack size
Goat Anti Human IgA 40nm OD10	BA.GAHA40/x	5ml pack size
	BA.GAHA40/7	100ml pack size
	BA.GAHA40/8	500ml pack size
Goat Anti Human IgM 40nm OD10	BA.GAHM40/X	5ml pack size
	BA.GAHM40/7	100ml pack size
	BA.GAHM40/8	500ml pack size
Protein A 40nm OD10	BA.PAG40/x	5ml pack size
	BA.PAG40/7	100ml pack size
	BA.PAG40/8	500ml pack size
Monoclonal Anti Human IgE 40nm OD10	BA.MAHE40/x	5ml pack size
	BA.MAHE40/7	100ml pack size



Related products

Product/Code	Description
EM.GC20, EM.GC40, EM.GC60 EM.GC80	20nm – 80nm Gold Nanoparticles.
Gold Starter Packs (GCKITDIAG)	Are you using gold for the first time, or trying a new process and are unsure of which size particle to purchase? Our gold starter packs allow a comprehensive evaluation, comprising 20ml and/or 100ml each of a selection of our gold nanoparticles.
Custom Conjugation Service	Our custom conjugation service provides high quality conjugates, optimised to meet your unique quality control requirements. Our scientists work in partnership with customers to bring all the vital ingredients together and provide scalable, sensitive, stable, reproducible conjugates time after time, up to tens of litres OD10 equivalent.

Get in touch to order an evaluation sample, or purchase directly at www.bbisolutions.com

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