

ANTI-SHEEP

Cat. No.	Specificity	Clone/Host	Quantity
55726	Immunoglobulins	gt	2 ml
55726			5 ml
635081	Kappa Chains	RK-1	0.5 mg
670541	IgG F(ab') ₂	rb affin.	2 mg
670531	IgG Fc	rb affin.	2 mg
654641	IgG, Whole Molecule	ck	1 ml
654651	IgG, Whole Molecule	ck affin.	1 ml
55794	IgG, Whole Molecule	rb	2 ml
55802			5 ml
56969	IgG, Whole Molecule	rb affin.	2 mg
670521	IgG, Whole Molecule	rb affin.	2 mg
55807	IgG, Whole Molecule	rb F(ab') ₂	2 ml

Secondary Antibody Conjugates

Enzyme Conjugates

Alkaline Phosphatase Conjugates

Alkaline Phosphatase (AP) conjugated antisera are suitable for use in a wide variety of enzyme immunoassay techniques. AP They are prepared using chromatography purified IgG fractions of antisera or affinity purified antibodies which are coupled to high activity calf intestinal alkaline phosphatase using 0.2% glutaraldehyde. These antibodies are typically supplied in tris buffer either liquid or lyophilized. Many may contain BSA as a stabilizer and sodium azide as a preservative.

ANTI-BOVINE

675031	IgG F(ab') ₂	gt affin.	1 ml
675061	IgG F(ab') ₂	rb affin.	1 ml
675021	IgG Fc	gt affin.	1 ml
675051	IgG Fc	rb affin.	1 ml
675011	IgG, Whole Molecule	gt affin.	1 ml
675041	IgG, Whole Molecule	rb affin.	1 ml

ANTI-CHICKEN

612942	IgG, Whole Molecule	rb	0.5 ml
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ANTI-DOG

675071	IgG, Whole Molecule	rb affin.	1 ml
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ANTI-GOAT

675131	IgG F(ab') ₂	rb affin.	1 ml
675121	IgG Fc	rb affin.	1 ml
675101	IgG, Whole Molecule	ck affin.	1 ml
59292	IgG, Whole Molecule	rb affin.	1 ml
675111	IgG, Whole Molecule	rb affin.	1 ml
612762	IgG, Whole Molecule	rb	0.5 ml

ANTI-GUINEA PIG

612792	IgG, Whole Molecule	rb	0.5 ml
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ANTI-HORSE

Cat. No.	Specificity	Host/Clone	Quantity
675141	IgG, Whole Molecule	gt affin.	1 ml
675151	IgG, Whole Molecule	rb affin.	1 ml

ANTI-HUMAN

59286	IgA, α -Chain	gt affin.	1 ml
675221	IgA, α -Chain	gt affin.	1 ml
681401	IgA, α -Chain	sh affin.	1 ml
675181	IgG F(ab') ₂	gt affin.	1 ml
675171	IgG Fc	gt affin.	1 ml
675241	IgG Fc	rb affin.	1 ml
59289	IgG Fc, γ -Chain	gt affin.	1 ml
632702	IgG, γ -Chain	GG-5	0.5 ml
681411	IgG, γ -Chain	sh affin.	1 ml
634601	IgG, Whole Molecule	HP6017, affin.	0.5 ml
634611	IgG, Whole Molecule	HP6045, affin.	0.5 ml
59285	IgG, Whole Molecule	gt F(ab') ₂ , affin.	1 ml
59290	IgG, Whole Molecule	gt affin.	1 ml
675161	IgG, Whole Molecule	gt affin.	1 ml
612702	IgG, Whole Molecule	gt	0.5 ml
675231	IgG, Whole Molecule	rb affin.	1 ml
681431	IgG, Whole Molecule	sh affin.	1 ml
634621	IgG ₁	HP6069, affin.	0.5 ml
634631	IgG ₂	HP6002, affin.	0.5 ml
634641	IgG ₃	HP6047, affin.	0.5 ml
634651	IgG ₄	HP6025, affin.	0.5 ml
675191	IgG & IgM	gt affin.	1 ml
59288	IgM 5 Fc, μ -Chain	gt affin.	1 ml
675211	IgM Fc	gt affin.	1 ml
675271	IgM Fc	rb affin.	1 ml
634661	IgM, μ -Chain	HP6083, affin.	0.5 ml
616661	IgM, μ -Chain	gt affin.	1 ml
612712	IgM, μ -Chain	gt	0.5 ml
681421	IgM, μ -Chain	sh affin.	1 ml
59284	Immunoglobulins	gt affin.	1 ml
675201	Immunoglobulins	gt affin.	1 ml
675261	Immunoglobulins	rb affin.	1 ml
634671	Kappa Chains	HP6053, affin.	0.5 ml

ANTI-MOUSE

642421	IgA, α -Chain	rb affin.	0.2 mg
675301	IgG F(ab') ₂	gt affin.	1 ml
675341	IgG F(ab') ₂	rb affin.	1 ml
675291	IgG Fc	gt affin.	1 ml
675331	IgG Fc	rb affin.	1 ml
59297	IgG Fc, γ -Chain	gt affin.	1 ml
635701	IgG, Whole Molecule	MG-7RT, MG1-2RT, MG3-7RT	1 ml
59303	IgG, Whole Molecule	gt F(ab') ₂ , affin.	1 ml
59296	IgG, Whole Molecule	gt affin.	1 ml
675281	IgG, Whole Molecule	gt affin.	1 ml
675321	IgG, Whole Molecule	rb affin.	1 ml
612782	IgG, Whole Molecule	rb	0.5 ml
59305	IgG, Whole Molecule	sh F(ab') ₂ , affin.	1 ml
59293	IgG, Whole Molecule	sh affin.	1 ml
681441	IgG, Whole Molecule	sh affin.	1 ml
635711	IgG ₁	MG1-2RT	1 ml
59569	IgG ₁	rb affin.	1 ml
642431	IgG ₁	rb affin.	0.2 mg

Immunobiologicals

Cat. No.	Specificity	Clone/Host	Quantity
635721	IgG _{2a}	MG2a-3RT	1 ml
59570	IgG _{2a}	rb affin.	1 ml
642441	IgG _{2a}	rb affin.	0.2 mg
635731	IgG _{2b}	MG2b-2RT	1 ml
59571	IgG _{2b}	gt affin.	1 ml
642451	IgG _{2b}	rb affin.	0.2 mg
635741	IgG ₃	MG3-7RT	1 ml
59572	IgG ₃	rb affin.	1 ml
635751	IgM, μ-Chain	MM-9	1 ml
59353	IgM, μ-Chain	gt F(ab') ₂ , affin.	1 ml
59295	IgM, μ-Chain	gt affin.	1 ml
675311	IgM, μ-Chain	gt affin.	1 ml
675351	IgM, μ-Chain	rb affin.	1 ml
59304	Immunoglobulins	gt F(ab') ₂ , affin.	1 ml
59294	Immunoglobulins	gt affin.	1 ml
635761	Kappa Chains	MK-1	1 ml

ANTI-PORCINE

675361	IgG, Whole Molecule	gt affin.	1 ml
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ANTI-RABBIT

59299	IgG F(ab') ₂	gt affin.	1 ml
675391	IgG F(ab') ₂	gt affin.	1 ml
675381	IgG Fc	gt affin.	1 ml
59652	IgG Fc, γ-Chain	gt affin.	1 ml
59306	IgG, Whole Molecule	gt F(ab') ₂ , affin.	1 ml
59298	IgG, Whole Molecule	gt affin.	1 ml
675371	IgG, Whole Molecule	gt affin.	1 ml
612752	IgG, Whole Molecule	gt	0.5 ml
681451	IgG, Whole Molecule	sh affin.	1 ml

ANTI-RAT

675421	IgG F(ab') ₂	gt affin.	1 ml
675461	IgG F(ab') ₂	mo affin.	1 ml
675491	IgG F(ab') ₂	rb affin.	1 ml
675451	IgG Fc	mo affin.	1 ml
675481	IgG Fc	rb affin.	1 ml
59287	IgG, Whole Molecule	gt F(ab') ₂ , affin.	1 ml
59291	IgG, Whole Molecule	gt F(ab') ₂	1 ml
59301	IgG, Whole Molecule	gt affin.	1 ml
59302	IgG, Whole Molecule	gt affin.	1 ml
675401	IgG, Whole Molecule	gt affin.	1 ml
675441	IgG, Whole Molecule	mo affin.	1 ml
675471	IgG, Whole Molecule	rb affin.	1 ml
681461	IgG, Whole Molecule	sh affin.	1 ml
59354	IgM, μ-Chain	gt F(ab') ₂ , affin.	1 ml
59300	IgM, μ-Chain	gt affin.	1 ml
675431	IgM, μ-Chain	gt affin.	1 ml
675501	IgM, μ-Chain	rb affin.	1 ml

ANTI-SHEEP

675541	IgG F(ab') ₂	rb affin.	1 ml
675531	IgG Fc	rb affin.	1 ml
681471	IgG, Whole Molecule	ck affin.	1 ml
56991	IgG, Whole Molecule	rb affin.	1 ml
675521	IgG, Whole Molecule	rb affin.	1 ml

Glucose Oxidase Conjugates

ANTI-MOUSE

Cat. No.	Specificity	Host/Clone	Quantity
55571	IgG, Whole Molecule	gt affin.	2 mg

HRP Conjugates

ICN's peroxidase (HRP) conjugates offer excellent performance in immunohistochemical and enzyme immunoassay techniques. All antisera are tested in enzyme immunoassay methods and recommended working dilutions are provided with each shipment. They are prepared from IgG fractions of antisera or affinity purified antibodies which are coupled to horseradish peroxidase. Following conjugation, remaining material is chromatographically removed. ICN's peroxidase conjugates are supplied as liquid or lyophilized, and some products may contain methiolate, thimerosal or thymol as a preservative.

ANTI-BOVINE

674031	IgG F(ab') ₂	gt affin.	2 ml
674061	IgG F(ab') ₂	rb affin.	1.5 ml
674021	IgG Fc	gt affin.	2 ml
674051	IgG Fc	rb affin.	1.5 ml
654431	IgG, Whole Molecule	ck	1 ml
674011	IgG, Whole Molecule	gt affin.	2 ml
55284	IgG, Whole Molecule	rb	2 ml
612131	IgG, Whole Molecule	rb	2 ml
56994	IgG, Whole Molecule	rb affin.	2 ml
674041	IgG, Whole Molecule	rb affin.	1.5 ml
683741	IgG, Whole Molecule	sh	2 ml
683951	IgG, Whole Molecule	sh affin.	2 ml

ANTI-CAT

654471	IgG, Whole Molecule	ck	1 ml
55293	IgG, Whole Molecule	gt	2 ml
55294	IgG, Whole Molecule	rb	2 ml

ANTI-CHICKEN

676501	IgG, Whole Molecule	dk affin.	0.5 ml
55308	IgG, Whole Molecule	rb	2 ml
612141	IgG, Whole Molecule	rb	2 ml
56997	IgG, Whole Molecule	rb affin.	2 ml

ANTI-DOG

644011	IgE ε-specific	gt affin	200 μg
644012			500 μg
644013			1 mg
674091	IgG F(ab') ₂	rb affin.	1.5 ml
674081	IgG Fc	rb affin.	1.5 ml
654511	IgG, Whole Molecule	ck	1 ml
55332	IgG, Whole Molecule	gt	2 ml
56999	IgG, Whole Molecule	gt affin.	2 ml
674071	IgG, Whole Molecule	rb affin.	1.5 ml
55334	IgM, μ-Chain Specific	gt	2 ml

ANTI-GOAT

55359	IgG F(ab') ₂	rb	2 ml
674131	IgG F(ab') ₂	rb affin.	1.5 ml
674121	IgG Fc	rb affin.	1.5 ml
55360	IgG Fc, γ-Chain Specific	rb	2 ml
654711	IgG, Whole Molecule	ck	1 ml
674101	IgG, Whole Molecule	dk affin.	1.5 ml
55358	IgG, Whole Molecule	rb	2 ml
612013	IgG, Whole Molecule	rb	2 ml
55363	IgG, Whole Molecule	rb affin.	2 ml
674111	IgG, Whole Molecule	rb affin.	1.5 ml
55362	IgG, Whole Molecule	rb F(ab') ₂	2 ml
55364	IgG, Whole Molecule	rb F(ab') ₂ , affin.	2 ml

ANTI-GUINEA PIG

57001	IgG, Whole Molecule	gt affin.	2 ml
55391	IgG, Whole Molecule	gt	2 ml
55392	IgG, Whole Molecule	rb	2 ml
612081	IgG, Whole Molecule	rb	2 ml

ANTI-HAMSTER

55402	IgG, Whole Molecule	gt	2 ml
57003	IgG, Whole Molecule	gt affin.	2 ml

ANTI-HORSE

55416	IgG, Whole Molecule	gt	2 ml
674141	IgG, Whole Molecule	gt affin.	2 ml
55417	IgG, Whole Molecule	rb	2 ml
612111	IgG, Whole Molecule	rb	2 ml
674151	IgG, Whole Molecule	rb affin.	1.5 ml

ANTI-HUMAN

55215	IgA, Secretory	gt	2 ml
654201	IgA, α -Chain	ck	1 ml
55216	IgA, α -Chain	gt	2 ml
674221	IgA, α -Chain	gt affin.	2 ml
55243	IgA, α -Chain	gt F(ab') ₂	2 ml
642521	IgA, α -Chain	rb affin.	0.1 mg
55251	IgA, α -Chain	sh affin.	2 ml
683901	IgA, α -Chain	sh affin.	2 ml
55218	IgE, ϵ -Chain	gt	2 ml
674181	IgG F(ab') ₂	gt affin.	2 ml
55224	IgG F(ab') ₂	gt	2 ml
55245	IgG F(ab') ₂	gt F(ab') ₂	2 ml
674251	IgG F(ab') ₂	rb affin.	1.5 ml
55254	IgG F(ab') ₂	sh affin.	2 ml
55223	IgG Fab	gt	2 ml
654171	IgG Fc	ck	1 ml
674171	IgG Fc	gt affin.	2 ml
674241	IgG Fc	rb affin.	1.5 ml
55226	IgG Fc, γ -Chain	gt	2 ml
55253	IgG Fc, γ -Chain	gt affin.	2 ml
55227	IgG Fc, γ -Chain	rb	2 ml
634511	IgG Fd	HP6045	0.5 ml
611301	IgG, γ -Chain	gt	2 ml
55246	IgG, Fc γ -Chain	gt F(ab') ₂	2 ml
683711	IgG, γ -Chain	sh	2 ml
683911	IgG, γ -Chain	sh affin.	2 ml
634501	IgG, Whole Molecule	HP6017, affin.	0.5 ml
634511	IgG, Whole Molecule	HP6045, affin.	0.5 ml
654141	IgG, Whole Molecule	ck	1 ml
55252	IgG, Whole Molecule	gt affin.	2 ml
674161	IgG, Whole Molecule	gt affin.	2 ml
55220	IgG, Whole Molecule	gt	2 ml
55244	IgG, Whole Molecule	gt F(ab') ₂	2 ml
674231	IgG, Whole Molecule	rb affin.	1.5 ml
55221	IgG, Whole Molecule	rb	2 ml
612311	IgG, Whole Molecule	rb	2 ml
683931	IgG, Whole Molecule	sh affin.	2 ml
634521	IgG ₁ Fc	HP6069, affin.	0.5 ml
634581	IgG ₂	HP6014	0.5 ml
634541	IgG ₃ (Hinge)	HP6047, affin.	0.5 ml
634551	IgG ₄	HP6025, affin.	0.5 ml
674191	IgG & IgM	gt affin.	2 ml
55255	IgM 5 Fc, μ -Chain	gt affin.	2 ml
55228	IgM 5 Fc, μ -Chain	gt	2 ml
674211	IgM Fc, 5 μ -Chain	gt affin.	2 ml
55247	IgM 5 Fc, μ -Chain	gt F(ab') ₂	2 ml
55229	IgM 5 Fc, μ -Chain	rb	2 ml
674271	IgM Fc, 5 μ -Chain	rb affin.	1.5 ml
654231	IgM, μ -Chain	ck	1 ml

634561	IgM, μ -Chain	HP6083, affin.	0.5 ml
611321	IgM, μ -Chain	gt	2 ml
683721	IgM, μ -Chain	sh	2 ml
683921	IgM, μ -Chain	sh affin.	2 ml
55230	Immunoglobulins	gt	2 ml
55256	Immunoglobulins	gt affin.	2 ml
674201	Immunoglobulins	gt affin.	2 ml
55248	Immunoglobulins	gt F(ab') ₂	2 ml
55231	Immunoglobulins	rb	2 ml
674261	Immunoglobulins	rb affin.	1.5 ml
634571	Kappa Chains	HP6053, affin.	0.5 ml
55233	Kappa Chains	gt F(ab') ₂	2 ml
55234	Lambda Chains	gt	2 ml

ANTI-MONKEY

55432	IgG, Whole Molecule	gt	2 ml
55433	IgG, Whole Molecule	rb	2 ml

ANTI-MOUSE

55549	IgA, α -Chain	gt	2 ml
55553	IgG F(ab') ₂	gt	2 ml
55567	IgG F(ab') ₂	gt affin.	2 ml
674301	IgG F(ab') ₂	gt affin.	2 ml
55560	IgG F(ab') ₂	gt F(ab') ₂	2 ml
674341	IgG F(ab') ₂	rb affin.	1.5 ml
674291	IgG Fc	gt affin.	2 ml
674331	IgG Fc	rb affin.	1.5 ml
55554	IgG Fc, γ -Chain Specific	gt	2 ml
55566	IgG Fc, γ -Chain	gt affin.	2 ml
55561	IgG Fc, γ -Chain	gt F(ab') ₂	2 ml
635601	IgG, Whole Molecule MG-7RT, MG1-2RT, MG3-7RT		1 ml
654791	IgG, Whole Molecule	ck	1 ml
55550	IgG, Whole Molecule	gt	2 ml
55563	IgG, Whole Molecule	gt affin.	2 ml
674281	IgG, Whole Molecule	gt affin.	2 ml
55559	IgG, Whole Molecule	gt F(ab') ₂	2 ml
55572	IgG, Whole Molecule	gt F(ab') ₂ , affin.	2 ml
55551	IgG, Whole Molecule	rb	2 ml
612041	IgG, Whole Molecule	rb	2 ml
55564	IgG, Whole Molecule	rb affin.	2 ml
674321	IgG, Whole Molecule	rb affin.	1.5 ml
55552	IgG, Whole Molecule	sh	2 ml
55558	IgG, Whole Molecule	sh	2 ml
55565	IgG, Whole Molecule	sh affin.	2 ml
55569	IgG, Whole Molecule	sh affin.	2 ml
683961	IgG, Whole Molecule	sh affin.	2 ml
55575	IgG, Whole Molecule	sh F(ab') ₂ , affin.	2 ml
635611	IgG ₁	MG1-2RT	1 ml
50282	IgG ₁	rb affin.	1 ml
642531	IgG ₁	rb affin.	0.1 mg
635621	IgG _{2a}	MG2a-3RT	1 ml
50283	IgG _{2a}	rb affin.	1 ml
642541	IgG _{2a}	rb affin.	0.1 mg
635631	IgG _{2b}	MG2b-2RT	1 ml
642551	IgG _{2b}	rb affin.	0.1 mg
642561	IgG ₃	rb affin.	0.1 mg
635651	IgM, μ -Chain	MM9	1 ml
55555	IgM, μ -Chain	gt	2 ml
55568	IgM, μ -Chain	gt affin.	2 ml
674311	IgM, μ -Chain	gt affin.	2 ml
55574	IgM, μ -Chain	gt F(ab') ₂ , affin.	2 ml
674351	IgM, μ -Chain	rb affin.	1.5 ml
55556	Immunoglobulins	gt	2 ml
55570	Immunoglobulins	gt affin.	2 ml
55576	Immunoglobulins	gt F(ab') ₂ , affin.	2 ml
11355	Immunoglobulins	rb affin.	1 ml
635661	Kappa Chains	MK-1	1 ml

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Immunobiologicals

ANTI-PORCINE

659311	IgA	I-115	100 µg
659312			200 µg
654591	IgG, Whole Molecule	ck	1 ml
674361	IgG, Whole Molecule	gt affin.	2 ml
612121	IgG, Whole Molecule	rb	2 ml
659391	IgM	I-133	100 µg
659392			200 µg
55826	IgG, Whole Molecule	rb	2 ml
56989	IgG, Whole Molecule	rb affin.	2 ml

ANTI-RABBIT

55678	IgG F(ab') ₂	gt	2 ml
55691	IgG F(ab') ₂	gt	2 ml
674391	IgG F(ab') ₂	gt affin.	2 ml
55687	IgG F(ab') ₂	gt F(ab') ₂	2 ml
674381	IgG Fc	gt affin.	2 ml
55679	IgG Fc, γ-Chain	gt	2 ml
55690	IgG Fc, γ-Chain	gt affin.	2 ml
55680	IgG Fc, γ-Chain	sh	2 ml
654631	IgG, Whole Molecule	ck	1 ml
55686	IgG, Whole Molecule	gt F(ab') ₂	2 ml
55693	IgG, Whole Molecule	gt F(ab') ₂ , affin.	2 ml
55688	IgG, Whole Molecule	gt Fab	2 ml
55676	IgG, Whole Molecule	gt	2 ml
55685	IgG, Whole Molecule	gt	2 ml
612023	IgG, Whole Molecule	gt	2 ml
55689	IgG, Whole Molecule	gt affin.	2 ml
674371	IgG, Whole Molecule	gt affin.	2 ml
55677	IgG, Whole Molecule	sh	2 ml
683971	IgG, Whole Molecule	sh affin.	2 ml
55681	IgM, μ-Chain Specific	gt	2 ml
55682	Immunoglobulins	gt	2 ml
11351	Immunoglobulins	sw	1 ml

ANTI-RAT

635151	IgA, α-Chain	RA-2	1 ml
635161	IgE, ε-Chain	RE-1	1 ml
674421	IgG F(ab') ₂	gt affin.	2 ml
674461	IgG F(ab') ₂	mo affin.	1.5 ml
674491	IgG F(ab') ₂	rb affin.	1.5 ml
674411	IgG Fc	gt affin.	2 ml
674451	IgG Fc	mo affin.	1.5 ml
55783	IgG, Whole Molecule	gt F(ab') ₂	2 ml
55785	IgG, Whole Molecule	gt F(ab') ₂ , affin.	2 ml
55770	IgG, Whole Molecule	gt	2 ml
55778	IgG, Whole Molecule	gt	2 ml
56404	IgG, Whole Molecule	gt	2 ml
55781	IgG, Whole Molecule	gt affin.	2 ml
674401	IgG, Whole Molecule	gt affin.	2 ml
674441	IgG, Whole Molecule	mo affin.	1.5 ml
55771	IgG, Whole Molecule	rb	2 ml
612061	IgG, Whole Molecule	rb	2 ml
674471	IgG, Whole Molecule	rb affin.	1.5 ml
683791	IgG, Whole Molecule	sh	2 ml
635111	IgG ₁	RG1-2	1 ml
635121	IgG _{2a}	RG2a-8	1 ml
635131	IgG _{2b}	RG2b-8	1 ml
635141	IgG _{2c}	RG2c-2	1 ml
635171	IgM, μ-Chain	RM-4	1.5 ml
55773	IgM, μ-Chain	gt	2 ml
55780	IgM, μ-Chain	gt affin.	2 ml
674431	IgM, μ-Chain	gt affin.	2 ml
674501	IgM, μ-Chain	rb affin.	1.5 ml
55774	Immunoglobulins	gt	2 ml
635181	Kappa Chains	RK-1	1 ml

ANTI-SHEEP

674541	IgG F(ab') ₂	rb affin.	1.5 ml
674531	IgG Fc	rb affin.	1.5 ml
654671	IgG, Whole Molecule	ck	1 ml
674511	IgG, Whole Molecule	dk affin.	1.5 ml
55814	IgG, Whole Molecule	rb	2 ml
56992	IgG, Whole Molecule	rb affin.	2 ml
674521	IgG, Whole Molecule	rb affin.	1.5 ml

Fluorochrome Conjugates

AMCA Conjugates

Generally, the blue fluorescence of AMCA (7-amino-4-methylcoumarin-3-acetic acid) is more stable than other routinely used fluorochromes. It absorbs maximally at 350 nm and fluoresces at 450 nm. Additionally, there is minimal overlap with FITC and no overlap observed with other fluorochromes. Thus, AMCA conjugates serve as excellent second or third labels for multi-label immunofluorescence procedures. Typically, these antibodies are supplied lyophilized in PBS containing BSA and 0.01% thimerosal.

ANTI-GOAT

Cat. No.	Specificity	Host/Clone	Quantity
671131	IgG F(ab') ₂	rb affin.	1.5 mg
671101	IgG, Whole Molecule	dk affin.	1.5 mg

ANTI-GUINEA PIG

676301	IgG, Whole Molecule	dk affin.	0.5 mg
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ANTI-HUMAN

671221	IgA, α-Chain	gt affin.	2 mg
671181	IgG F(ab') ₂	gt affin.	2 mg
671251	IgG F(ab') ₂	rb affin.	1.5 mg
671171	IgG Fc	gt affin.	2 mg
671241	IgG Fc	rb affin.	1.5 mg
671161	IgG, Whole Molecule	gt affin.	2 mg
671231	IgG, Whole Molecule	rb affin.	1.5 mg
671191	IgG & IgM	gt affin.	2 mg
671211	IgM Fc, 5μ-Chain	gt affin.	2 mg
671271	IgM Fc, 5μ-Chain	rb affin.	1.5 mg
671201	Immunoglobulins	gt affin.	2 mg
671261	Immunoglobulins	rb affin.	1.5 mg

ANTI-MOUSE

671301	IgG F(ab') ₂	gt affin.	2 mg
671341	IgG F(ab') ₂	rb affin.	1.5 mg
671291	IgG Fc	gt affin.	2 mg
671331	IgG Fc	rb affin.	1.5 mg
671281	IgG, Whole Molecule	gt affin.	2 mg
671321	IgG, Whole Molecule	rb affin.	1.5 mg
671311	IgM, μ-Chain	gt affin.	2 mg
671351	IgM, μ-Chain	rb affin.	1.5 mg

ANTI-RABBIT

671391	IgG F(ab') ₂	gt affin.	2 mg
671381	IgG Fc	gt affin.	2 mg
671371	IgG, Whole Molecule	gt affin.	2 mg

ANTI-RAT

671421	IgG F(ab') ₂	gt affin.	2 mg
671461	IgG F(ab') ₂	mo affin.	1.5 mg
671491	IgG F(ab') ₂	rb affin.	1.5 mg
671481	IgG Fc	rb affin.	1.5 mg
671401	IgG, Whole Molecule	gt affin.	2 mg
671471	IgG, Whole Molecule	rb affin.	1.5 mg
671501	IgM, μ-Chain	rb affin.	1.5 mg

ANTI-SHEEP

671541	IgG F(ab') ₂	rb affin.	1.5 mg
671531	IgG Fc	rb affin.	1.5 mg
671511	IgG, Whole Molecule	dk affin.	1.5 mg
671521	IgG, Whole Molecule	rb affin.	1.5 mg

FITC Conjugates

All antisera are chromatographically purified prior to conjugation to insure proper reactivity. After conjugation with crystalline FITC, antisera are further purified to remove excess fluorochrome. Final antisera conjugates are supplied lyophilized or as liquid prepared in PBS containing BSA. Some products contain thimerosal or sodium azide as a preservative. FITC conjugates absorb maximally at 495 nm and emit at 528 nm.

ANTI-BOVINE

Cat. No.	Specificity	Host/Clone	Quantity
672031	IgG F(ab') ₂	gt affin.	2 mg
672061	IgG F(ab') ₂	rb affin.	1.5 mg
672021	IgG Fc	gt affin.	2 mg
672051	IgG Fc	rb affin.	1.5 mg
654421	IgG, Whole Molecule	ck	1 ml
672011	IgG, Whole Molecule	gt affin.	2 mg
55280	IgG, Whole Molecule	rb	2 ml
651642	IgG, Whole Molecule	rb	2 ml
672041	IgG, Whole Molecule	rb affin.	1.5 mg

ANTI-CAT

654461	IgG, Whole Molecule	ck	1 ml
55291	IgG, Whole Molecule	gt	2 ml
651791	IgG, Whole Molecule	gt	2 ml
56995	IgG, Whole Molecule	gt affin.	2 mg
55292	IgG, Whole Molecule	rb	2 ml

ANTI-CHICKEN

676551	IgG F(ab') ₂	dk affin.	0.3 ml
55307	IgG, Whole Molecule	rb	2 ml
651962	IgG, Whole Molecule	rb	2 ml
56996	IgG, Whole Molecule	rb affin.	2 mg

ANTI-DOG

644021	IgE ε-specific	gt affin	200 μg
672091	IgG F(ab') ₂	rb affin.	1.5 mg
672081	IgG Fc	rb affin.	1.5 mg
654501	IgG, Whole Molecule	ck	1 ml
55325	IgG, Whole Molecule	gt	2 ml
56998	IgG, Whole Molecule	gt affin.	2 mg
55330	IgG, Whole Molecule	gt F(ab') ₂	2 ml
55326	IgG, Whole Molecule	rb	2 ml
651652	IgG, Whole Molecule	rb	2 ml
672071	IgG, Whole Molecule	rb affin.	1.5 mg
55328	IgM, μ-Chain Specific	gt	2 ml

ANTI-GOAT

55349	IgG F(ab') ₂	rb	2 ml
672131	IgG F(ab') ₂	rb affin.	1.5 mg
672121	IgG Fc	rb affin.	1.5 mg
654701	IgG, Whole Molecule	ck	1 ml
672101	IgG, Whole Molecule	dk affin.	1.5 mg
55348	IgG, Whole Molecule	rb	2 ml
55354	IgG, Whole Molecule	rb affin.	2 mg
672111	IgG, Whole Molecule	rb affin.	1.5 mg
55353	IgG, Whole Molecule	rb F(ab') ₂	2 ml
55355	IgG, Whole Molecule	rb F(ab') ₂ , affin.	2 mg

ANTI-GUINEA PIG

Cat. No.	Specificity	Host/Clone	Quantity
55382	IgG, Whole Molecule	gt	2 ml
55389	IgG, Whole Molecule	gt	2 ml
57000	IgG, Whole Molecule	gt affin.	2 mg
55387	IgG, Whole Molecule	gt F(ab') ₂	2 ml
55383	IgG, Whole Molecule	rb	2 ml
651662	IgG, Whole Molecule	rb	2 ml
616361	IgG, Whole Molecule	rb affin.	1 ml

ANTI-HAMSTER

55400	IgG, Whole Molecule	gt	2 ml
57002	IgG, Whole Molecule	gt affin.	2 mg
55401	IgG, Whole Molecule	rb	2 ml

ANTI-HORSE

55414	IgG, Whole Molecule	gt	2 ml
57004	IgG, Whole Molecule	gt affin.	2 mg
672141	IgG, Whole Molecule	gt affin.	2 mg
55415	IgG, Whole Molecule	rb	2 ml
672151	IgG, Whole Molecule	rb affin.	1.5 mg

ANTI-HUMAN

654191	IgA, α-Chain	ck	1 ml
55077	IgA, α-Chain	gt	2 ml
55195	IgA, α-Chain	gt affin.	2 ml
672221	IgA, α-Chain	gt affin.	2 mg
55178	IgA, α-Chain	gt F(ab') ₂	2 ml
682951	IgA, α-Chain	sh	2 ml
683301	IgA, α-Chain	sh affin.	2 ml
683501	IgA, α-Chain	sh F(ab') ₂	2 ml
55076	IgA, Secretory	gt	2 ml
55179	IgD, δ-Chain	gt F(ab') ₂	2 ml
55079	IgE, ε-Chain	gt	2 ml
55148	IgG F(ab') ₂	gt	2 ml
672181	IgG F(ab') ₂	gt affin.	2 mg
55182	IgG F(ab') ₂	gt F(ab') ₂	2 ml
672251	IgG F(ab') ₂	rb affin.	1.5 mg
55147	IgG Fab	gt	2 ml
683371	IgG Fab	sh affin.	2 ml
672171	IgG Fc	gt affin.	2 mg
672241	IgG Fc	rb affin.	1.5 mg
55150	IgG Fc, γ-Chain	gt	2 ml
55198	IgG Fc, γ-Chain	gt affin.	2 mg
55184	IgG Fc, γ-Chain	gt F(ab') ₂	2 ml
56988	IgG Fc, γ-Chain	gt F(ab') ₂	2 ml
55151	IgG Fc, γ-Chain	rb	2 ml
682971	IgG, γ-Chain	sh	2 ml
683311	IgG, γ-Chain	sh affin.	2 ml
683511	IgG, γ-Chain	sh F(ab') ₂	2 ml
55144	IgG, Whole Molecule	gt	2 ml
55197	IgG, Whole Molecule	gt affin.	2 mg
672161	IgG, Whole Molecule	gt affin.	2 mg
55194	IgG, Whole Molecule	gt Fab	2 ml
55180	IgG, Whole Molecule	gt F(ab') ₂	2 ml
55201	IgG, Whole Molecule	gt F(ab') ₂ , affin.	2 mg
651692	IgG, Whole Molecule	rb	2 ml
55145	IgG, Whole Molecule	rb affin.	2 mg
672231	IgG, Whole Molecule	rb affin.	1.5 mg
55181	IgG, Whole Molecule	rb F(ab') ₂	2 ml
682991	IgG, Whole Molecule	sh	2 ml
683331	IgG, Whole Molecule	sh affin.	2 ml
672191	IgG & IgM	gt affin.	2 mg
683531	IgG, Whole Molecule	sh F(ab') ₂	2 ml
55153	IgM, 5 Fc μ-Chain	gt	2 ml
55199	IgM, 5 Fc μ-Chain	gt affin.	2 mg
672211	IgM Fc, 5μ-Chain	gt affin.	2 mg
55185	IgM, 5 Fc μ-Chain	gt F(ab') ₂	2 ml
56987	IgM, 5 Fc μ-Chain	gt F(ab') ₂ , affin.	2 mg
55154	IgM, 5 Fc μ-Chain	rb	2 ml
672271	IgM Fc, 5μ-Chain	rb affin.	1.5 mg
654221	IgM, μ-Chain	ck	1 ml
682981	IgM, μ-Chain	sh	2 ml
683321	IgM, μ-Chain	sh affin.	2 ml

Immunobiologicals

Cat. No.	Specificity	Host/Clone	Quantity
683521	IgM, μ -Chain	sh F(ab') ₂	2 ml
55156	Immunoglobulins	gt	2 ml
55200	Immunoglobulins	gt affin.	2 mg
672201	Immunoglobulins	gt affin.	2 mg
55186	Immunoglobulins	gt F(ab') ₂	2 ml
672261	Immunoglobulins	rb affin.	1.5 mg
55187	Immunoglobulins	rb F(ab') ₂	2 ml
55159	Kappa Chains, Free Bence Jones	gt	2 ml
55188	Kappa Chains	gt F(ab') ₂	2 ml
683001	Kappa Chains	sh	2 ml
654311	Lambda Chains	ck	1 ml
55160	Lambda Chains	gt	2 ml
55161	Lambda Chains, Free Bence Jones	gt	2 ml
55189	Lambda Chains	gt F(ab') ₂	2 ml
683011	Lambda Chains	sh	2 ml

ANTI-MONKEY

55429	IgG, Whole Molecule	gt	2 ml
55431	IgG, Whole Molecule	gt F(ab') ₂	2 ml

ANTI-MOUSE

55492	IgA, α -Chain	gt	2 ml
642621	IgA, α -Chain	rb affin.	0.4 mg
55496	IgG F(ab') ₂	gt	2 ml
55518	IgG F(ab') ₂	gt affin.	2 mg
672301	IgG F(ab') ₂	gt affin.	2 mg
55507	IgG F(ab') ₂	gt F(ab') ₂	2 ml
672341	IgG F(ab') ₂	rb affin.	1.5 mg
683381	IgG F(ab') ₂	sh affin.	2 ml
672291	IgG Fc	gt affin.	2 mg
672331	IgG Fc	rb affin.	1.5 mg
55497	IgG Fc, γ -Chain	gt	2 ml
55517	IgG Fc, γ -Chain	gt affin.	2 mg
55508	IgG Fc, γ -Chain	gt F(ab') ₂	2 ml
635501	IgG, Whole Molecule		1 ml
654781	IgG, Whole Molecule	ck	1 ml
55493	IgG, Whole Molecule	gt	2 ml
55503	IgG, Whole Molecule	gt	2 ml
55514	IgG, Whole Molecule	gt affin.	2 mg
672281	IgG, Whole Molecule	gt affin.	2 mg
55513	IgG, Whole Molecule	gt Fab	2 ml
55504	IgG, Whole Molecule	gt F(ab') ₂	2 ml
55522	IgG, Whole Molecule	gt F(ab') ₂ , affin.	2 mg
55512	IgG, Whole Molecule	gt F(ab') ₂	2 ml
55494	IgG, Whole Molecule	rb	2 ml
651713	IgG, Whole Molecule	rb	2 ml
55515	IgG, Whole Molecule	rb affin.	2 mg
672321	IgG, Whole Molecule	rb affin.	1.5 mg
55505	IgG, Whole Molecule	rb F(ab') ₂	2 ml
683071	IgG, Whole Molecule	sh	2 ml
55495	IgG, Whole Molecule	sh	2 ml
55502	IgG, Whole Molecule	sh	2 ml
683071	IgG, Whole Molecule	sh	2 ml
55516	IgG, Whole Molecule	sh affin.	2 mg
55520	IgG, Whole Molecule	sh affin.	2 mg
683341	IgG, Whole Molecule	sh affin.	2 ml
683561	IgG, Whole Molecule	sh F(ab') ₂	2 ml
55511	IgG, Whole Molecule	sh F(ab') ₂	2 ml
683561	IgG, Whole Molecule	sh F(ab') ₂	2 ml

Cat. No.	Specificity	Host/Clone	Quantity
55506	IgG, Whole Molecule	sh F(ab') ₂	2 ml
55523	IgG, Whole Molecule	sh F(ab') ₂ , affin.	2 mg
55525	IgG, Whole Molecule	sh F(ab') ₂ , affin.	2 mg
635511	IgG ₁	MG1-2RT	1 ml
50260	IgG ₁	rb affin.	2 ml
642631	IgG ₁	rb affin.	0.4 mg
635521	IgG _{2a}	MG2a-3RT	1 ml
50261	IgG _{2a}	rb affin.	2 ml
642641	IgG _{2a}	rb affin.	0.4 mg
635531	IgG _{2b}	MG2b-2RT	1 ml
50262	IgG _{2b}	rb affin.	2 ml
642651	IgG _{2b}	rb affin.	0.4 mg
635541	IgG ₃	MG3-7RT	1 ml
50263	IgG ₃	rb affin.	2 ml
642661	IgG ₃	rb affin.	0.4 mg
635551	IgM, μ -Chain	MM9	1 ml
55498	IgM, μ -Chain	gt	2 ml
55519	IgM, μ -Chain	gt affin.	2 mg
672311	IgM, μ -Chain	gt affin.	2 mg
55509	IgM, μ -Chain	gt F(ab') ₂	2 ml
55524	IgM, μ -Chain	gt F(ab') ₂ , affin.	2 mg
672351	IgM, μ -Chain	rb affin.	1.5 mg
55499	Immunoglobulins	gt	2 ml
55521	Immunoglobulins	gt affin.	2 mg
55526	Immunoglobulins	gt F(ab') ₂ , affin.	2 mg
635561	Kappa Chains	MK-1	1 ml

ANTI-PORCINE

654581	IgG, Whole Molecule	ck	1 ml
672361	IgG, Whole Molecule	gt affin.	2 mg
651722	IgG, Whole Molecule	rb	2 ml
55824	IgG, Whole Molecule	rb	2 ml
56990	IgG, Whole Molecule	rb affin.	2 ml

ANTI-RABBIT

55648	IgG F(ab') ₂	gt	2 ml
55664	IgG F(ab') ₂	gt affin.	2 mg
672391	IgG F(ab') ₂	gt affin.	2 mg
55659	IgG F(ab') ₂	gt F(ab') ₂	2 ml
672381	IgG Fc	gt affin.	2 mg
55649	IgG Fc, γ -Chain	gt	2 ml
55663	IgG Fc, γ -Chain	gt affin.	2 mg
654621	IgG, Whole Molecule	ck	1 ml
651732	IgG, Whole Molecule	gt	2 ml
55646	IgG, Whole Molecule	gt	2 ml
55657	IgG, Whole Molecule	gt	2 ml
651732	IgG, Whole Molecule	gt	2 ml
55662	IgG, Whole Molecule	gt affin.	2 mg
672371	IgG, Whole Molecule	gt affin.	2 mg
55661	IgG, Whole Molecule	gt Fab	2 ml
55658	IgG, Whole Molecule	gt F(ab') ₂	2 ml
55665	IgG, Whole Molecule	gt F(ab') ₂ , affin.	2 mg
683081	IgG, Whole Molecule	sh	2 ml
55647	IgG, Whole Molecule	sh affin.	2 ml
683351	IgG, Whole Molecule	sh affin.	2 ml
683571	IgG, Whole Molecule	sh F(ab') ₂	2 ml
55651	IgM, μ -Chain	gt	2 ml
683391	Immunoglobulin	sh	2 ml
55652	Immunoglobulins	gt	2 ml

ANTI-RAT

55747	IgG F(ab') ₂	gt	2 ml
672421	IgG F(ab') ₂	gt affin.	2 mg
672461	IgG F(ab') ₂	mo affin.	1.5 mg
672491	IgG F(ab') ₂	rb affin.	1.5 mg
672411	IgG Fc	gt affin.	2 mg
672451	IgG Fc	mo affin.	1.5 mg
55748	IgG Fc, γ-Chain	gt	2 ml
654741	IgG, Whole Molecule	ck	1 ml
55745	IgG, Whole Molecule	gt	2 ml
55755	IgG, Whole Molecule	gt	2 ml
55760	IgG, Whole Molecule	gt affin.	2 mg
56407	IgG, Whole Molecule	gt affin.	2 mg
56408	IgG, Whole Molecule	gt affin.	2 mg
672401	IgG, Whole Molecule	gt affin.	2 mg
55756	IgG, Whole Molecule	gt F(ab') ₂	2 ml
55762	IgG, Whole Molecule	gt F(ab') ₂ affin.	2 mg
672441	IgG, Whole Molecule	mo affin.	1.5 mg
651742	IgG, Whole Molecule	rb	2 ml
55746	IgG, Whole Molecule	rb	2 ml
651742	IgG, Whole Molecule	rb	2 ml
672471	IgG, Whole Molecule	rb affin.	1.5 mg
55757	IgG, Whole Molecule	rb F(ab') ₂	2 ml
55749	IgM, μ-Chain	gt	2 ml
55759	IgM, μ-Chain	gt affin.	2 mg
672431	IgM, μ-Chain Specific	gt affin.	2 mg
55761	IgM, μ-Chain Specific	gt F(ab') ₂ affin.	2 mg
672501	IgM, μ-Chain Specific	rb affin.	1.5 mg
56185	Immunoglobulins	gt	2 ml

ANTI-SHEEP

672541	IgG F(ab') ₂	rb affin.	1.5 mg
672531	IgG Fc	rb affin.	1.5 mg
654661	IgG, Whole Molecule	ck	1 ml
672511	IgG, Whole Molecule	dk affin.	1.5 mg
652052	IgG, Whole Molecule	rb	2 ml
55809	IgG, Whole Molecule	rb	2 ml
652052	IgG, Whole Molecule	rb	2 ml
57005	IgG, Whole Molecule	rb affin.	2 mg
672521	IgG, Whole Molecule	rb affin.	1.5 mg
55811	IgG, Whole Molecule	rb F(ab') ₂	2 ml

Phycoerythrin Conjugates

ICN offers several affinity purified F(ab'), fragments of antibodies conjugated to the two forms of phycoerythrin (PE): B-Phycoerythrin and R-Phycoerythrin. Both forms are found in red, blue-green and cryptomonad algae. These highly fluorescent compounds demonstrate a much greater fluorescence than FITC when conjugated to antibodies. Additionally, they can be excited by light over a wide range of the visible spectrum.

Both forms of phycoerythrin may be excited at 488 nm by light from an argon laser and at 545 nm from a mercury lamp. Since both B-PE and R-PE conjugates can be excited at the same wavelength as FITC conjugates while fluorescing at a longer wavelength (580 nm), they can be used for double labeling in flow cytometry applications employing an argon laser. Often R-PE is used for this purpose as it absorbs more light at 488 nm than does B-PE. However, B-PE absorbs more light at 545 nm and 565 nm than R-PE and offers greater photostability than either R-PE or FITC. ICN's PE conjugates are supplied lyophilized in PBS containing BSA and thimerosal. The antibodies have also been absorbed to minimize cross-reactivity with serum proteins from other species. Specific absorption information accompanies each product.

B-PE Conjugates

Cat. No.	Specificity	Host/Clone	Quantity
676011	Goat IgG, Whole Mol.	dk	1 ml
676041	Human IgG Fc	gt	1 ml
676031	Human IgG, Whole Mol.	gt	1 ml
676021	Human IgM, 5 Fc μ-Chain	dk	1 ml
676061	Mouse IgG Fc	gt	1 ml
676051	Mouse IgG, Whole Mol.	gt	1 ml
676071	Mouse IgM, μ-Chain	gt	1 ml
676081	Rabbit IgG, Whole Mol.	dk	1 ml
676091	Rat IgG, Whole Molecule	gt	1 ml
676121	Sheep IgG, Whole Mol.	dk	1 ml

R-PE Conjugates

676211	Goat IgG, Whole Mol.	dk	1 ml
676241	Human IgG Fc	gt	1 ml
676261	Mouse IgG Fc	gt	1 ml
676251	Mouse IgG, Whole Mol.	gt	1 ml
676271	Mouse IgM, μ-Chain	gt	1 ml
676281	Rabbit IgG, Whole Mol.	dk	1 ml
676301	Rat IgG Fc	gt	1 ml
676291	Rat IgG, Whole Mol.	gt	1 ml
676311	Rat IgM, μ-Chain	gt	1 ml
676321	Sheep IgG, Whole Mol.	dk	1 ml

Texas Red® Conjugates

ANTI-MOUSE

55544	IgG, Whole Molecule	rb affin.	2 mg
55548	IgG, Whole Molecule	sh F(ab') ₂ affin.	2 mg
55546	Immunoglobulins	gt affin.	2 mg

ANTI-RABBIT

Cat. No.	Specificity	Host/Clone	Quantity
55675	IgG, Whole Molecule	gt affin.	2 mg

ANTI-RAT

55769	IgG, Whole Molecule	gt affin.	2 mg
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Immunobiologicals

TRITC Conjugates

ANTI-GOAT

55357	IgG, Whole Molecule	rb F(ab') ₂	2 ml
55356	IgG, Whole Molecule	rb	2 ml

ANTI-HUMAN

55213	IgG, Whole Molecule	gt affin.	2 mg
55202	IgG, Whole Molecule	gt	2 ml

ANTI-MOUSE

55535	IgG Fc, γ -Chain	gt F(ab') ₂	2 ml
55530	IgG Fc, γ -Chain	gt	2 ml
55533	IgG, Whole Molecule	gt F(ab') ₂	2 ml
55539	IgG, Whole Molecule	gt affin.	2 mg
55527	IgG, Whole Molecule	gt	2 ml
55528	IgG, Whole Molecule	rb	2 ml
55529	IgG, Whole Molecule	sh	2 ml
55536	IgM, μ -Chain	gt F(ab') ₂	2 ml
55531	IgM, μ -Chain	gt	2 ml
55540	Immunoglobulins	gt affin.	2 mg
55532	Immunoglobulins	gt	2 ml

ANTI-RABBIT

55671	IgG, Whole Molecule	gt F(ab') ₂	2 ml
55673	IgG, Whole Molecule	gt Fab	2 ml
55674	IgG, Whole Molecule	gt affin.	2 mg
55666	IgG, Whole Molecule	gt	2 ml
55667	IgG, Whole Molecule	sh affin.	2 ml
55670	Immunoglobulins	gt	2 ml

ANTI-RAT

55767	IgG, Whole Molecule	gt F(ab') ₂	2 ml
55768	IgG, Whole Molecule	gt affin.	2 mg
55763	IgG, Whole Molecule	gt	2 ml
55764	IgG, Whole Molecule	rb	2 ml
55812	IgG, Whole Molecule	rb	2 ml

Other Antibody Conjugates

Biotinylated Antibodies

Biotin labeled antibodies serve as ideal screening agents when used in conjunction with the appropriate avidin conjugate. They offer flexibility in various procedures from the detection and localization of immunoglobulins on cell surfaces and tissue sections to fluorescence and enzyme immunoassays. Biotin labeled antibodies are supplied in PBS containing BSA. Polyclonal conjugates typically contain thimerosal as a preservative.

ANTI-BOVINE

Cat. No.	Specificity	Host/Clone	Quantity
673031	IgG F(ab') ₂	gt affin.	2 ml

ANTI-CHICKEN

676571	IgG F(ab') ₂	dk (Biotin-SP), affin.	0.3 ml
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ANTI-DOG

673091	IgG F(ab') ₂	rb affin.	1.5 ml
673081	IgG Fc	rb affin.	1.5 ml
673071	IgG, Whole Molecule	rb affin.	1.5 ml

ANTI-GOAT

673131	IgG F(ab') ₂	rb affin.	1.5 ml
636201	IgG, Whole Molecule	GT-34	0.5 ml
673101	IgG, Whole Molecule	dk affin.	1.5 ml
55366	IgG, Whole Molecule	rb affin.	2 ml
673111	IgG, Whole Molecule	rb affin.	1.5 ml

ANTI-HORSE

673141	IgG, Whole Molecule	gt affin.	2 ml
673151	IgG, Whole Molecule	rb affin.	1.5 ml

ANTI-HUMAN

673221	IgA, α -Chain	gt affin.	2 ml
673181	IgG F(ab') ₂	gt affin.	2 ml
673251	IgG F(ab') ₂	rb affin.	1.5 ml
673171	IgG Fc	gt affin.	2 ml
673241	IgG Fc	rb affin.	1.5 ml
634701	IgG, Whole Molecule	HP6017, affin.	0.5 ml
634711	IgG, Whole Molecule	HP6045, affin.	0.5 ml
55265	IgG, Whole Molecule	gt affin.	2 ml
673161	IgG, Whole Molecule	gt affin.	2 ml
673231	IgG, Whole Molecule	rb affin.	1.5 ml
634721	IgG ₁ Fc	HP6069, affin.	0.5 ml
634731	IgG ₂ Fc	HP6002, affin.	0.5 ml
634741	IgG ₃	HP6047, affin.	0.5 ml
634751	IgG ₄ Fc	HP6025, affin.	0.5 ml
673191	IgG & IgM	gt affin.	2 ml
673211	IgM Fc, 5 μ -Chain	gt affin.	2 ml
673271	IgM Fc, 5 μ -Chain	rb affin.	5 ml
634761	IgM, μ -Chain	HP6083	0.5 ml
673201	Immunoglobulins	gt affin.	2 ml
673261	Immunoglobulins	rb affin.	1.5 ml
634771	Kappa Chains	HP6053	0.5 ml

ANTI-MOUSE

Cat. No.	Specificity	Host/Clone	Quantity
673301	IgG F(ab') ₂	gt affin.	2 ml
673341	IgG F(ab') ₂	rb affin.	1.5 ml
673291	IgG Fc	gt affin.	2 ml
673331	IgG Fc	rb affin.	1.5 ml
635801	IgG, Whole Molecule		1 ml
55587	IgG, Whole Molecule	gt affin.	2 ml
673281	IgG, Whole Molecule	gt affin.	2 ml
55596	IgG, Whole Molecule	gt F(ab') ₂ , affin.	1 ml
673321	IgG, Whole Molecule	rb affin.	1.5 ml
55588	IgG, Whole Molecule	sh affin.	2 ml
55591	IgG, Whole Molecule	sh affin.	2 ml
55600	IgG, Whole Molecule	sh F(ab') ₂ , affin.	1 ml
635811	IgG ₁	MG1-2RT	1 ml
635821	IgG _{2a}	MG2a-3RT	1 ml
635831	IgG _{2b}	MG2b-2RT	1 ml
635841	IgG ₃	MG3-7RT	1 ml
635851	IgM, μ-Chain	MM9	1 ml
55589	IgM, μ-Chain	gt affin.	2 ml
673311	IgM, μ-Chain	gt affin.	2 ml
55598	IgM, μ-Chain	gt F(ab') ₂ , affin.	1 ml
673351	IgM, μ-Chain	rb affin.	1.5 ml
55590	Immunoglobulins	gt affin.	2 ml
55599	Immunoglobulins	gt F(ab') ₂ , affin.	1 ml
635861	Kappa Chains	LO-MK-1	1 ml

ANTI-RABBIT

673391	IgG F(ab') ₂	gt affin.	2 ml
673381	IgG Fc	gt affin.	2 ml
55699	IgG, Whole Molecule	gt affin.	2 ml
673371	IgG, Whole Molecule	gt affin.	2 ml
55701	IgG, Whole Molecule	gt F(ab') ₂ , affin.	1 ml

ANTI-RAT

635251	IgA, α-Chain	RA-2	1 ml
635261	IgE, ε-Chain	RE-1	1 ml
673421	IgG F(ab') ₂	gt affin.	2 ml
673461	IgG F(ab') ₂	mo affin.	1.5 ml
673411	IgG Fc	gt affin.	2 ml
673451	IgG Fc	mo affin.	1.5 ml
673401	IgG, Whole Molecule	gt affin.	2 ml
55790	IgG, Whole Molecule	gt F(ab') ₂	2 ml
55793	IgG, Whole Molecule	gt F(ab') ₂ , affin.	1 ml
673441	IgG, Whole Molecule	mo affin.	1.5 ml
673471	IgG, Whole Molecule	rb affin.	1.5 ml
635211	IgG ₁	RG1-2	1 ml
635221	IgG _{2a}	MARG2a-1	1 ml
635231	IgG _{2b}	RG2b-8	1 ml
635241	IgG _{2c}	RG2c-2	1 ml
635271	IgM, μ-Chain	RM-4	1.5 ml
673431	IgM, μ-Chain	gt affin.	2 ml
673501	IgM, μ-Chain	rb affin.	1.5 ml
635281	Kappa Chains	RK-1	1 ml

ANTI-SHEEP

673541	IgG F(ab') ₂	rb affin.	1.5 ml
673531	IgG Fc	rb affin.	1.5 ml
673511	IgG, Whole Molecule	ck affin.	1.5 ml
673521	IgG, Whole Molecule	rb affin.	1.5 ml

Gold Labeled Conjugates

Colloidal Gold functions as an electron dense marker ideal for the detection of antigen. No additional reagents are needed, however, the addition silver enhancement will increase assay sensitivity. Gold conjugates serve as probes in electron microscopy, light microscopy and immunoblotting procedures:

1. For electron microscopy (EM), conjugates are prepared with 5, 10 and 20 nm colloid gold to strict specifications, resulting in very narrow particle size distribution and virtually cluster-free. They are ideally suited for use in high resolution EM requiring high sensitivity and quantitative analysis. The sizes of the gold particles do not overlap allowing for optimal double-labeling.

2. For light microscopy (LM), ICN offers 5 nm affinity purified gold conjugates which penetrate very efficiently into the tissue sections embedded in paraffin wax, epoxy, acrylic resins or cryostat samples. Whole cells prepared from smears and suspensions are also suitable as samples.

3. For immunoblotting (BL), ICN offers 20 nm gold conjugates specially suited for determining protein bands in Western Blots or DNA/RNA fragments in both Southern and Northern Blots. Blotted proteins may be examined with a simple two step indirect labeling technique. Biotinylated DNA or RNA can be analyzed by hybridizing with gold conjugated biotin antibodies or with the streptavidin probes. When used with the ImmMark™ Silver Enhancing Kit, the system becomes highly sensitive allowing protein detection to 1 picogram.

Typically, gold probes offer greater specificity with lower background with increased sensitivity in immunohistochemical procedures. Every lot undergoes extensive technical and quality control analysis. Additionally, each is sensitivity and affinity tested to ensure optimum performance. Data sheets are enclosed with every product detailing quality control, applications and storage instructions.

LIGHT MICROSCOPY CONJUGATES

Cat. No.	Specificity	Host/Clone	Colloid Size	Quantity
678871	Goat IgG, Whole Molecule	rb	5 nm	0.25 ml
678872				1 ml
678851	Human IgG, γ-Chain	gt	5 nm	0.25 ml
678852				1 ml
678811	Mouse IgG, γ-Chain	gt	5 nm	0.25 ml
678812				1 ml
678821	Mouse IgM, μ-Chain	gt	5 nm	0.25 ml
678822				1 ml
678831	Mouse IgG & IgM	gt	5 nm	0.25 ml
678832				1 ml
678801	Rabbit IgG, Whole Mol.	gt	5 nm	0.25 ml
678802				1 ml
678841	Rat IgG, Whole Molecule	gt	5 nm	0.25 ml
678842				1 ml

ELECTRON MICROSCOPY CONJUGATES

Cat. No.	Specificity	Host/Clone	Colloid Size	Quantity
678561 678562	Mouse IgM, μ -Chain	gt	5 nm	0.25 ml 1 ml
678571 678572	Mouse IgM, μ -Chain	gt	10 nm	0.25 ml 1 ml
678581 678582	Mouse IgM, μ -Chain	gt	20 nm	0.25 ml 1 ml
678531 678532	Mouse IgG, Whole Mol.	gt	5 nm	0.25 ml 1 ml
678541 678542	Mouse IgG, Whole Mol.	gt	10 nm	0.25 ml 1 ml
678531 678552	Mouse IgG, Whole Mol.	gt	20 nm	0.25 ml 1 ml
678501 678502	Rabbit IgG, Whole Mol.	gt	5 nm	0.25 ml 1 ml
678511 678512	Rabbit IgG, Whole Mol.	gt	10 nm	0.25 ml 1 ml
678521 678522	Rabbit IgG, Whole Mol.	gt	20 nm	0.25 ml 1 ml
678591 678592	Rat IgG, Whole Molecule	gt	5 nm	0.25 ml 1 ml
678601 678602	Rat IgG, Whole Molecule	gt	10 nm	0.25 ml 1 ml
678611 678612	Rat IgG, Whole Molecule	gt	20 nm	0.25 ml 1 ml

IMMUNOBLOTTING CONJUGATES

678911	Mouse IgG, γ -Chain	gt	20nm	1 ml
678921	Mouse IgG & IgM	gt	5 nm	1 ml
678901	Rabbit IgG, Whole Mol.	gt	20 nm	1 ml
678931	Rat IgG, Whole Molecule	gt	20 nm	1 ml
678961	Goat IgG, Whole Mol.	rb	20 nm	1 ml
678941	Human IgG, γ -Chain	gt	20 nm	1 ml

1 nm GOLD PROBES

The ImmuMark™ 1 nm gold probes are highly versatile and offer increased labeling efficiencies in light microscopy, electron microscopy, immunoblotting and *in situ* hybridization techniques. The gold conjugates are affinity purified secondary antibodies linked to the 1 nm gold particles. The exceptionally small size of the probe allows improved sensitivity and efficient tissue penetration.

678411 678412	Mouse IgG, γ -Chain	gt	1 nm	0.25 ml 1 ml
678401 678402	Rabbit IgG, Whole Mol.	gt	1 nm	0.25 ml 1 ml

SILVER ENHANCING KITS

The LM and EM kit offers a method of enlarging gold particles *in situ* to give an intense brown-black stain in tissues and cells. This final silver enhancing step in IGSS is critical in achieving high sensitivity when visualizing antigens without loss of resolution.

The BL kit is relevant for intensifying the gold probes coupled to proteins or antigens immobilized on membranes. Very effective amplification of the gold probe means protein levels in the region of 1 picogram are easily detectable. Both kits are simple to use and a protocol is provided with every order. The kit reagents are formulated to provide intense staining quickly with low background. The signal produced is permanent and more sensitive than conventional indirect labeling.

Cat. No.	Description	Quantity
678201	EM & LM Kit	2x15 ml
678211	BL Kit	2x250 ml

Radiolabeled Antibody Conjugates

ICN's Radiochemicals Division has prepared an assortment of iodinated (¹²⁵I) antibodies and proteins for use in immunodetection and immunoblotting procedures. All antibodies are affinity purified prior to iodination to ensure specificity. After iodination, antibodies and proteins are purified by HPLC methods.

Iodinated Antibodies

Cat. No.	Antibody To	Host/Clone	Quantity
68088	Human IgG, Whole Molecule	gt	10 μ Ci
			50 μ Ci
			100 μ Ci
68124	Human IgG, Whole Molecule	sh	10 μ Ci
			50 μ Ci
68093	Human IgM	gt	10 μ Ci
			50 μ Ci
			100 μ Ci
68075	Mouse IgG, Whole Molecule	gt	10 μ Ci
			50 μ Ci
			100 μ Ci
68094	Mouse IgG, Whole Molecule	sh	10 μ Ci
			50 μ Ci
			100 μ Ci
68091	Mouse IgM	gt	10 μ Ci
			50 μ Ci
			100 μ Ci
68125	Rabbit IgG, Whole Molecule	dk	100 μ Ci
			500 μ Ci
68086	Rabbit IgG, Whole Molecule	gt	50 μ Ci
			100 μ Ci
			500 μ Ci
68090	Rat IgM	gt	50 μ Ci
			100 μ Ci
			500 μ Ci
68126	Rat IgG, Whole Molecule	sh	100 μ Ci
			500 μ Ci

CATALOG
NUMBER

PAP and APAAP Complexes

Polyclonal PAP (peroxidase anti-peroxidase) is a purified mixture of soluble immunocomplexes averaging three molecules of horseradish peroxidase to two molecules of anti-peroxidase antibodies. PAP complexes are prepared by the Sternberger methods using antibodies affinity purified from antiserum by equivalence point precipitation and highly purified peroxidase. Some complexes are presented as liquid the remainder lyophilized with no preservatives. Generally, they are supplied at 3.5-4 mg/ml and characterized by immunoelectrophoresis versus appropriate antiserum to IgG to demonstrate that enzymatic and immunologic activity coincide. Potency is determined by double diffusion titration, immunohistological or ELISA methods. Mouse PAP is prepared from monoclonal IgG₁ antibody to peroxidase (clone P6/38) resulting in a complex of superior stability and performance in immunohistochemical techniques.

55967
0-5°C **PEROXIDASE ANTI-PEROXIDASE** 1 ml
POLYCLONAL ANTIBODY
PAP
Host: goat
Form: lyophilized
Applications: ELISA; Immunoblotting.
Prepared as 20 mg/ml.

612432
-20°C **PEROXIDASE ANTI-PEROXIDASE COMPLEX** 2 ml
POLYCLONAL ANTIBODY
(PAP-Complex)
Goat
Form: presented as a solution in 0.01M PBS, pH 7.4 with 0.01% thimerosal as a preservative.
Conc/Titer: 20 mg/ml
Applications: Immunohistology

59371
0-5°C **PEROXIDASE ANTI-PEROXIDASE** 1 ml
POLYCLONAL ANTIBODY
PAP
Host: mouse
Form: lyophilized
Applications: ELISA; Immunoblotting.
Prepared as 5 mg/ml.

632441
-20°C **PEROXIDASE ANTI-PEROXIDASE COMPLEX** 0.5 ml
MONOCLONAL ANTIBODY
(PAP-Complex)
Mouse
Clone: P6/38
Isotype: mouse IgG₁
Conc/Titer: 1:800
Applications: Immunohistology

CATALOG
NUMBER

647471
0-5°C **PEROXIDASE ANTI-PEROXIDASE COMPLEX** 0.25 ml
POLYCLONAL ANTIBODY
(PAP-Complex)
Mouse
Form: presented lyophilized
Conc/Titer: 1:12,000-1:65,000
Applications: EIA; Immunohistology

55968
0-5°C **PEROXIDASE ANTI-PEROXIDASE** 1 ml
POLYCLONAL ANTIBODY
PAP
Host: rabbit
Form: lyophilized
Applications: ELISA; Immunoblotting.
Prepared as 20 mg/ml.

612422
-20°C **PEROXIDASE ANTI-PEROXIDASE COMPLEX** 2 ml
POLYCLONAL ANTIBODY
(PAP-Complex)
Rabbit
Form: presented as a solution in 0.01M PBS, pH 7.4 with 0.01% thimerosal as a preservative
Conc/Titer: 5 mg/ml
Applications: Immunohistology

55969
0-5°C **PEROXIDASE ANTI-PEROXIDASE** 1 ml
POLYCLONAL ANTIBODY
PAP
Host: sheep
Form: lyophilized
Applications: ELISA; Immunoblotting.
Prepared as 20 mg/ml.

647461
0-5°C **PEROXIDASE ANTI-PEROXIDASE COMPLEX** 0.25 ml
POLYCLONAL ANTIBODY
(PAP-Complex)
Rat
Form: lyophilized from a 0.02M PBS, pH 7.6 with no preservatives
Conc/Titer: 1:12,000-1:65,000
Applications: EIA; Immunohistology

685351
0-5°C **MOUSE APAAP** 1 ml
This is a complex of alkaline phosphatase and mouse monoclonal anti-alkaline phosphatase (APAAP). It is used in immunocytochemistry studies.