

Phosphorylation Antibody Arrays

Human RTK and EGFR

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Our antibody arrays are cutting edge tools for discovery of biomarkers, and screening for effects of treatments, activators, or inhibitors

These RayBiotech products, distributed by SeraCare, eliminate the need and expense of Western Blots and/or immunoprecipitation analysis

Product Features

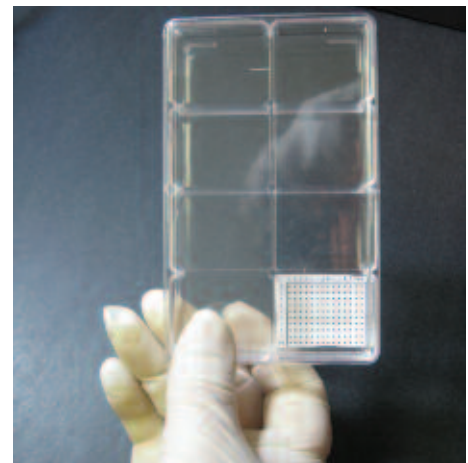
- Simultaneously detects relative phosphorylation levels of multiple proteins
- Easy to use—no special equipment required
- Minimizes hands-on time—convenient, semi-quantitative, and non-radioactive material
- Works reliably with wide range of cell lines, high sensitivity
- Full range of technical support and related services

RTK Phosphorylation Antibody Array

- A single array detects relative levels of phosphorylation for 71 human RTKs
- Chemiluminescent or fluorescent detection
- Monitor cell signal transduction pathway, relative level of tyrosine RTK phosphorylation, and protein kinase activity

EGFR Phosphorylation Antibody Array

- A single array detects relative levels of phosphorylation at 17 specific sites of the EGFR family
- Screens for the effects of treatments, activators, or inhibitors on cell signaling, development, and growth
- Chemiluminescent detection



Our state-of-the-art phosphorylation antibody arrays are glass chips or membranes printed with RTK-specific or phospho-specific EGFR antibodies

Developed by RayBiotech
Distributed by SeraCare

[Order Form](#)

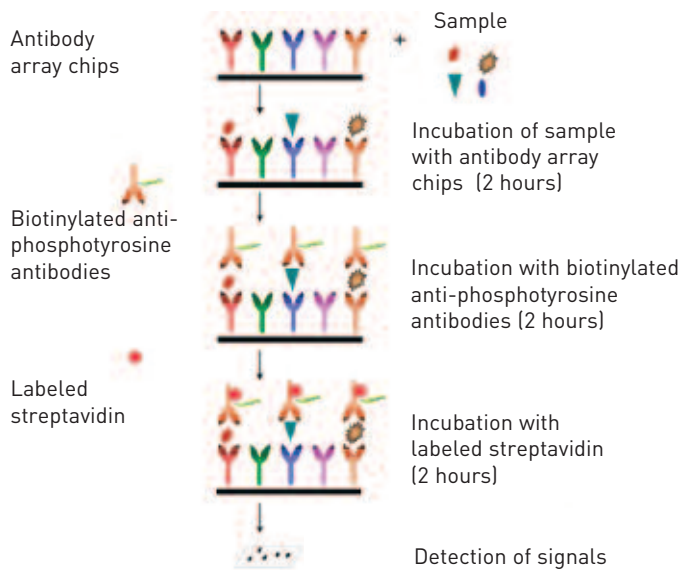
Related Products and Services

[Protein Arrays](#) | [ELISA Kits](#) | [Tissue MicroArrays](#) | [Custom Arrays](#) | [Testing Services](#)



Quality is in our blood

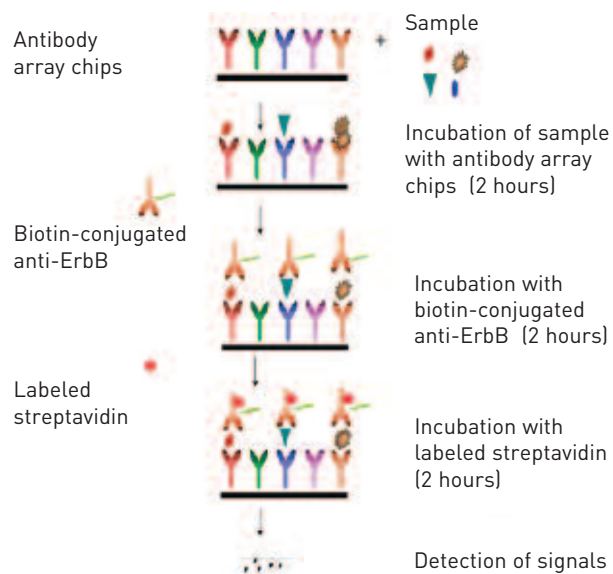
How RTK Phosphorylation Antibody Arrays Work



Kit Content

- Human RTK Phosphorylation Antibody Array – glass chip or membrane
- 2X Cell lysis buffer
- Protease inhibitor cocktail
- Phosphatase inhibitor cocktail
- Blocking buffer
- 20X Wash buffer I and 20X Wash buffer II
- Biotin-conjugated anti-phosphotyrosine
- Cy3 Fluor 555-conjugated streptavidin (glass chip based) or HRP-conjugated streptavidin (membrane based)
- Wash buffer III (20 mL)
- User manual

How EGFR Phosphorylation Antibody Arrays Work



Kit Content

- Human EGFR Phosphorylation Antibody Array membrane
- 2X Cell lysis buffer
- Protease inhibitor cocktail
- Phosphatase inhibitor cocktail I and II
- Blocking buffer
- 20X Wash buffer I and 20X Wash buffer II
- Biotin-conjugated anti-EGFR cocktail
- 1,000X HRP-conjugated streptavidin
- Detection buffer C
- Detection buffer D
- Eight-well tray
- User manual

Human RTK Phosphorylation Antibody Array List – 71 total

1	ABL1	16	EphA6	31	FGFR2 (α isoform)	45	Lyn	60	SYK
2	ACK1	17	EphA7	32	Fgr	46	MATK	61	Tec
3	ALK	18	EphA8	33	FRK	47	M-CSFR	62	Tie-1
4	Axl	19	EphB1	34	Fyn	48	MUSK	63	Tie-2
5	Blk	20	EphB2	35	Hck	49	NGFR	64	TNK1
6	BMX	21	EphB3	36	HGFR	50	PDGFR- α	65	TRKB
7	Btk	22	EphB4	37	IGF-1 R	51	PDGFR- β	66	TXK
8	Csk	23	EphB6	38	Insulin R	52	PYK2	67	Tyk2
9	Dtk	24	ErbB2	39	Itk	53	RET	68	TYRO10
10	EGFR	25	ErbB3	40	JAK1	54	ROR1	69	VEGFR2
11	EphA1	26	ErbB4	41	JAK2	55	ROR2	70	VEGFR3
12	EphA2	27	FAK	42	JAK3	56	ROS	71	ZAP70
13	EphA3	28	FER	43	LCK	57	RYK		
14	EphA4	29	FGFR1	44	LTK	58	SCFR		
15	EphA5	30	FGFR2			59	SRMS		

Human EGFR Phosphorylation Antibody Array List – 17 total

1	EGFR (Tyr845)	10	ErbB2 (Tyr877)
2	EGFR (Tyr992)	11	ErbB2 (Tyr1112)
3	EGFR (Tyr1045)	12	ErbB2 (Tyr1221/1222)
4	EGFR (Tyr1068)	13	ErbB2 (Tyr1248)
5	EGFR (Tyr1086)	14	ErbB2 (Thr686)
6	EGFR (Tyr1148)	15	ErbB2 (Ser1113)
7	EGFR (Tyr1173)	16	ErbB3 (Tyr1289)
8	EGFR (Ser1046/1047)	17	ErbB4 (Tyr1284)
9	EGFR (Ser1070)		

Order Form

Human RTK Phosphorylation Antibody Arrays

Product Description. Arrays contain 71 antibodies for simultaneous detection of the relative level of tyrosine phosphorylation

Antibody List. Click here or see page 3

Sample Type. Cell lysate

Detection System. Fluorescence or chemiluminescence

Qty	Size/Format	Cat No ¹
<input type="checkbox"/>	4 subarray glass chip	AAH-PRTK-G1-4
<input type="checkbox"/>	8 subarray glass chip	AAH-PRTK-G1-8
<input type="checkbox"/>	2 membranes for 2 samples	AAH-PRTK-1-2
<input type="checkbox"/>	4 membranes for 4 samples	AAH-PRTK-1-4
<input type="checkbox"/>	8 membranes for 8 samples	AAH-PRTK-1-8

Human EGFR Phosphorylation Antibody Arrays

Product Description. Arrays contain 17 antibodies for simultaneous detection of the relative level of phosphorylation at 17 different sites on EGFR and related ERbB receptors

Antibody List. Click here or see page 3

Sample Type. Cell lysate

Detection System. Chemiluminescence

Qty	Size/Format	Cat No ¹
<input type="checkbox"/>	2 membranes for 2 samples	AAH-PER-1-2
<input type="checkbox"/>	4 membranes for 4 samples	AAH-PER-1-4
<input type="checkbox"/>	8 membranes for 8 samples	AAH-PER-1-8

Custom Products and Testing Services

- Contact me about custom-built arrays
- Contact me about testing my samples in your lab

1. Click specific Cat No to view User Manual

Detail of My Specific Need

Use the box below to communicate additional information about your specific phosphorylation antibody array requirements

My Preferred Next Contact

I am interested in (check all that apply)

- Immediate purchase Pricing Availability

I would like SeraCare to (check all that apply)

- Send information Contact me Send quotation

My Contact Information

Name _____

Title _____ Phone _____

Organization _____

Street Address _____

City _____ State/Province _____

Country _____ Zip/Postal Code _____

Email _____

All fields required

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