MULTIBIND96 C-LYTAG

(Cat. No. RS-3406)

For research use only.

1. About BIOMEDAL Multibind96 C-LYTAG

MultiBind 96 C-LYTAG plates provide the power of our C-LYTAG system in a solid phase, multi-well format for convenient assays and high throughput screenings of biomolecules tagged with C-LYTAG. The strips are supplied framed in sets of 12, resulting in a 96-well configuration compatible with standard multichannel pipettes and automated plate washers and plate readers.

2. Description.

PRODUCT	CAT.No.	FORMAT
Multibind96 C-LYTAG	RS-3317	1 plate
Multibind96 C-LYTAG	RS-3318	5 plates

3. Applications.

- Antibody or serum screening
- Diagnostic assays
- Expression cloning
- Protein interaction studies
- DNA/protein interaction studies
- Screening of engineered enzymes

4. General Protocol.

4.1 Material requierd.

A. MultiBind 96 C-LYTAG plates
B. Cell lysate containing C-LYTAG tagged protein
C. Phosphate Buffer 1 M pH 7.0
D. Phosphate Buffer 20 mM pH 7.0
E. Wash Buffer: Phosphate Buffer 20 mM pH 7.0 plus NaCl 0.5 M

4.2 Assay of C-LYTAG cell lysate containing the C-LYTAG fusion protein.

1. Prepare a dilution of the cell lysate in Phosphate Buffer 20 mM.
2. Apply 270 l of the lysate plus 30 l of Phosphate Buffer 1 M in each well.
3. Incubate 15 min at RT.
4. Wash the plate three times with 300 l/well of the Wash Buffer.
5. C-LYTAG fusion protein can be detected using anti C-LYTAG antibodies (Cat. No. AB-3238), antibodies against the protein of interest or specific protein activity assays.

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5. Related Products.

PRODUCT		DESCRIPTION	FORMAT	Cat.No.
KITS	C-LYTAG *Purification System*	System for immobilization and single step purification of recombinant proteins.	1 kit (5 purifications)	KT-3246
STRAINS	*E. coli* REG-1	Propagation of pALEX vectors and protein expression.	Stab	BS-3268
PRIMERS	C-LYTAG primer	Amplification by PCR (selection of positive clones) and sequencing of pALEX vectors.	2nmol	PR-3281
VECTORS	pALEXa	Cloning and expression of C-LYTAG fusion proteins.	8μg	EV-3240
	pALEXb	Cloning and expression of C-LYTAG fusion proteins.	8μg	EV-3241
	pALEXc	Cloning and expression of C-LYTAG fusion proteins.	8μg	EV-3242
	pALEX-*lacZ*	Positive control.	8μg	EV-3243
REAGENTS AND SOLUTION	TSS	Preparation of competent cells.	1.5 ml	RS-3215
			1.5mlx5	RS-3216
	C-LYTRAP	Resin for C-LYTAG protein purification.	30ml	RS-3302
			250ml	RS-3316
	Choline chloride (3M)	Preparation of elution buffer.	20ml	RS-3245
	Salicylate (1M)	Inductor.	25ml	RS-3247
ANTIBIOTICS	Ampicillin	Cell culture tested.	5g	RS-3217
	Kanamycin	Cell culture tested.	5g	RS-3219
ANTIBODIES	Anti C-LYTAG	Polyclonal antibody.	100μl	AB-3238
OTHERS	Multibind 96 C.LYTAG	Multi-well format for multiple assays and high-throughput screenings of biomolecules tagged with C-LYTAG	1 plate	RS-3317
			5 plates	RS-3318
	C-LYTRAP Spin columns	Microcentrifuge columns containing C-LYTRAP resin	10 units	RS-3319
			15 units	RS-3320
			100 units	RS-3321
	Purification column	Empty columns for C-LYTRAP packing	1 unit	RS-3322

6. Storage Conditions.

Shipped at room temperauture.

For more information,
please visit our WEBSITE
or contact us at

Biomedal S.L.
Av. Americo Vespucio, nº 5-E, pl 1ª
Parque Científico Tecnológico Cartuja 93
41092 - Sevilla - España/Spain
Tel. +34-954081276 Fax. +34-954081279
www.biomedal.com
info@biomedal.com
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