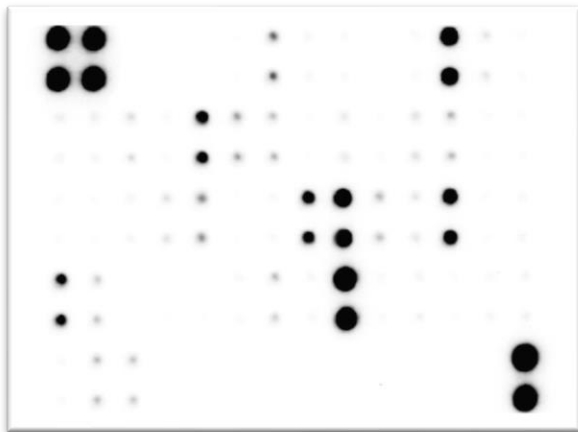




**PROMOZIONE  
VALIDITA'  
CODICE**

Ver. 2024/01  
dal 01/08/2024 al 30/09/2024  
MEMBRANE-2024

# Risparmia il 25% sugli array di Citochine RayBiotech Semi-Quantitativi, Sandwich-Based



Gli Antibody Array basati su membrana di RayBiotech (serie C) consentono la rilevazione multiplex di proteine su una vasta gamma di tipi di campioni e specie. Processate in modo simile a un western blot con una lettura chemiluminescente, permettono di esplorare processi biologici come l'apoptosi, l'infiammazione, l'angiogenesi e la risposta immunitaria.

**Utilizza il codice sconto MEMBRANE-2024 fino al 30 settembre 2023.**

## CONDIZIONI PROMOZIONALI

- Ricevi uno sconto del 25% acquistando gli Antibody Array serie C di rayBiotech.
- La promozione si applica su ordini pervenuti nel periodo di validità che riportino il codice promozionale.
- Valida su tutto il territorio nazionale, non per rivendita. Non cumulabile con altre promozioni in corso.
- Prodotti Gianni si riserva il diritto di sospendere o modificare la promozione.

# Membrane Antibody Arrays: C-Series™

Simultaneously screen and compare expression levels of multiple cytokines, growth factors, proteases, soluble receptors, and other proteins from a wide variety of sample types with a membrane-based RayBiotech C-Series array.

## Why C-Series?

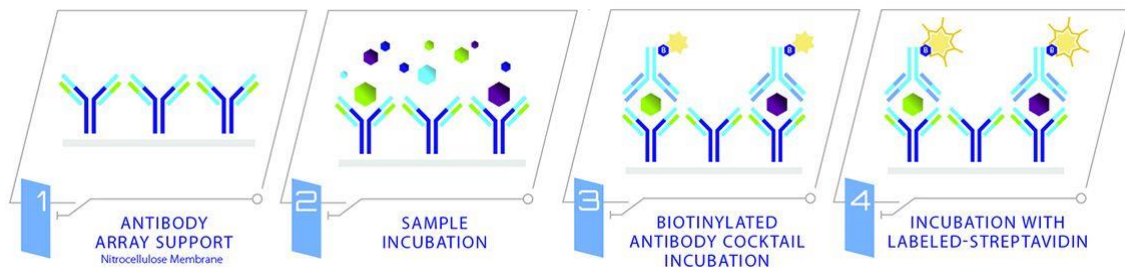
Because C-Series arrays enable semi-quantitative measurement of multiple proteins at once, you can move your studies forward quickly and with the confidence of a single study instead of spending extra time, samples, and effort—and introducing additional variability—when you normalize and compare multiple experiments.

In addition, you can rely on the high quality and consistency of every C-Series array thanks to the stringent manufacturing and quality control processes we implement in our US-based manufacturing facilities.

## What are C-Series arrays?

Each C-Series array consists of antibodies to cytokines, growth factors, proteases, soluble receptors, and other proteins immobilized onto a nitrocellulose membrane. The array is a semi-quantitative, sandwich-based assay that can report on between 10 and 274 different proteins and uses the same familiar workflow as a typical chemiluminescent Western blot.

## How It Works



- C-Series membrane arrays use a sandwich immunoassay design and the same workflows as a typical Western blot.
- Each array includes capture antibodies immobilized onto a nitrocellulose membrane.
- Incubate your sample with the array to enable binding of target proteins to the corresponding antibody.
- Detect bound protein by adding a cocktail of biotinylated antibodies.
- Visualize with labeled streptavidin using chemiluminescence.

You can use the same chemiluminescence detection systems developed for western blot visualization to measure the chemiluminescence of your C-Series membrane arrays. The entire procedure can be completed in 1 day and is simple enough that a novice researcher can successfully collect data with very few pitfalls and little or no optimization.

## Features

- **High Sensitivity:** Detect as little as 1 pg/ml, depending on the protein.
- **High Reproducibility:** Inter-array coefficient of variation (CV) of spot signal intensities is as low as 5% when run under optimal conditions.
- **High Specificity:** Each antibody spot is tested using a recombinant protein to ensure that only a single spot is visible after hybridization.
- **High Quality:** After screening multiple antibody pairs for each protein target, only the pairs with the strongest affinity and sensitivity are selected for the array.
- **Wide Dynamic Range:** Many protein expression levels can be detected across as much as 4 orders of magnitude (104).
- **Smart Array Design**
- **Positive control spots** facilitate membrane orientation and normalization of results.
- **Negative control and blank spots** enable baseline and background measurement.
- **Duplicate spots** provide technical replicates on the same array, preserving limited samples while still enabling robust data generation.
- **Proven Technology:** There are hundreds of publications using C-Series antibody arrays.
- **Small Membrane Size:** Average membrane dimensions only 2.5 X 3.0 cm.