

Gyrolab® Bioaffy™ Assay Toolboxes

Product Information Sheet

D0042162/A

- Support the development of immunoassays with your own process-specific reagents on the open Gyrolab® platform
- Used with the Assay Reagent sets for Gyrolab, developed by Cygnus Technologies, for detection of host cell protein & other impurities in bioprocess samples
- Gyrolab Bioaffy 1000 HC or 4000 HC CD, sample dilution buffer and Gyrolab Wash Buffer Duo included
- Choose from two kit formats to generate 96 or 4800 data points



Introduction

Gyrolab ready-to-use kits have been optimized to deliver high immunoassay performance for time critical workflows in applications such as host cell protein (HCP) impurity testing, product titers and generic pharmacokinetics (PK). The performance of Gyrolab ready-to-use kits has resulted in their incorporation into bioprocess and bioanalysis workflows in many leading biopharmaceutical companies. The open Gyrolab platform is also very accessible for the development of in-house assays, and this possibility has been extended with Gyrolab Bioaffy 1000 HC Assay Toolbox and Gyrolab Bioaffy 4000 HC Assay Toolbox.

The toolboxes provide support for users who wish to develop assays with their own process-specific reagents based on components of the ready-to-use Gyrolab kits. Gyrolab Bioaffy 1000 HC Assay Toolbox includes Gyrolab Bioaffy 1000 HC CD, wash buffers, sample dilution buffer, plates, foils and instructions for use. Gyrolab Bioaffy 4000 HC Assay Toolbox includes Gyrolab Bioaffy 4000 HC CD, wash buffers, sample dilution buffer, plates, foils and instructions for use. The components included in the toolboxes meet the high-performance specifications of our ready-to-use Gyrolab kits for HCP detection.

The difference between the two toolboxes lies in the CD type included: Gyrolab Bioaffy 4000 HC CD has a deeper volume definition chamber than Gyrolab Bioaffy 1000 HC CD, providing potentially greater sensitivity. On the other hand, the increased channel capacity will also increase sample consumption and slightly increase overall assay time.

The choice of the toolbox will ultimately depend on the nature and requirements of the assay, such as sensitivity needed, sample and /reagent volume available etc. As the toolboxes have been designed to enable the development of assays with your own reagents, additional optimization involving choice of sample dilution buffers and/or other components may be required.

Ordering Information

Description	Gyrolab Bioaffy 1000 HC Assay Toolbox	Gyrolab Bioaffy 1000 HC Assay Toolbox CD50	Gyrolab Bioaffy 4000 HC Assay Toolbox	Gyrolab Bioaffy 4000 HC Assay Toolbox CD50
Product Number	P0020667	P0020668	P0020852	P0020853
Gyrolab Bioaffy 1000 HC CD	1	50	-	-
Gyrolab Bioaffy 4000 HC CD	-	-	1	50
PCR Plate 96	3	150	3	150
Gyrolab Wash Buffer Duo	2 x 2 mL	10 (2 x 2 mL)	2 x 2 mL	10 (2 x 2 mL)
Gyrolab HCP Sample Dilution Buffer, 25 mL	1	10	1	10
Microplate Foil	3	150	3	150
Wash Station Solution 2	1	50	1	50
Instruction for use	1	1	1	1

Storage conditions

Gyrolab Bioaffy 1000 HC Assay Toolbox / Gyrolab Bioaffy 4000 HC Assay Toolbox

Refrigerate at +4°C to +8°C. Do not freeze.

Shelf life (unopened package): see product label.

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