



Cellulose Acetate System

| Clinical Electrophoresis

Details Info

Features :

Cellulose acetate electrophoresis is an important technique in clinical diagnostics. ACCULAB Scientific's Cellas GEL range is a complete system solution for research and clinical cellulose acetate electrophoresis applications. The CellasGEL range includes both equipment and consumables to assist in the research and diagnosis of specific disease states.

The ideal tank for standard 'dry' membrane and 'wet' gel cellulose acetate techniques, the Cellas electrophoresis system is designed and built to our high quality standard to address both routine clinical and research requirements. Two adjustable supports, which can be positioned anywhere within the tank, readily accommodate different lengths of dry cellulose acetate membrane to a maximum 20cm.

AC-GEL – 'wet' cellulose acetate gels

AC GEL 'wet' cellulose acetate gel strips are ready to use and overcome many of limitations of traditional 'dry' cellulose acetate membranes. CellasGEL's advantages over dry cellulose

acetate membranes are as follows:

1. Wet state – unlike dry membranes, CellasGEL is a cellulose acetate film produced in a wet form to facilitate buffer adsorption, but without the entrapment of air bubbles that inhibit electrophoresis
2. Greater thickness – CellasGEL's greater thickness (190-500µm) compared to dry membranes (160-190µm) allows application of larger sample volumes to enhance detection of poor quality specimens low in protein content
3. High resolution – samples may be applied to CellasGEL as wider but finer bands, without risk of diffusion, to make band quantitation more reproducible; this is further enhanced by extended migration distances (60-70mm) that improve band separation
4. Amphiphilic – CellasGEL's lipophilic and hydrophilic properties make it the perfect separation medium for many different biological molecules, ranging from lipoproteins to haemoglobins CellasGEL is supplied either as individual packs of 25 or 100 strips or within clinical test kits for the following applications:
 - Immunofixation Electrophoresis (IFE): Monoclonal Gammopathies of Undetermined Significance (MGUS); Multiple Myeloma (MM)
 - Serum Protein Analysis: Dysproteinaemia; Incipient Gammopathies
 - Haemoglobin Analysis: Haemoglobinopathies such as Thalassaemias and Sickle Cell

Ordering Information

AC-CELLAS	Horizontal Unit for Cellulose Acetate Electrophoresis
ACGEL2.514250	2.5x14 CellasGEL 250 micron 100/pack
ACGEL2.514200	2.5x14 CellasGEL 200 micron 100/pack
ACGEL2.514190	2,5x14CellasGEL 190, high resolution, 100/pack
ACGEL5.714500	5.7x14 CellasGEL 500, high volume, 25/pack
ACGEL5.714250	5.7x14 CellasGEL 250 micron, 25/pack
ACGEL5.714200	5.7x14 CellasGEL 200 micron, 25/pack
ACGEL5.714190	5.7x14CellasGEL 190, high resolution, 25/pack
ACGEL2.517200	2.5x17 CellasGEL 200 micron, 25/pack



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