

ETC Gels – Frequently asked Questions

Focusgel

What are the differences between <i>ETC FocusGel</i> and the GE Ampholine PAGplate?	<i>FocusGel</i> is thinner than PAGplates (0.65 mm): <ul style="list-style-type: none">- for improved Joule heat dissipation- for faster and more sensitive staining specially treated for catalysts removal used without electrode strips available with and without sample wells
How do the focusing pattern compare?	The pH gradient profiles in an <i>ETC FocusGel</i> are more linear than in an Ampholine PAGPlate.
Which cool contact fluid do I need between cooling plate and film support?	It is highly recommended to use kerosene, because it has no electric conductivity.
Which electrode solutions are used?	None. <i>FocusGel</i> is used without electrode strips
What is the optimal running temperature?	7 °C
Can I apply fluorescent detection methods on a <i>FocusGel</i> ?	There is a special <i>FocusGel NF</i> available, which is polymerised on a low-fluorescent film support.
Is there a <i>FocusGel</i> available for denaturing separation conditions, e.g. containing 8 mol/L urea?	For denaturing conditions you need to rehydrate a <i>CleanGel IEF Ultra</i> in the appropriate urea / carrier ampholyte solution.
Can I perform blotting with <i>FocusGel</i> ?	Yes. It is recommended to use pressure blotting for the protein transfer to the blotting membrane.