1. Cleaver Cystic Fibrosis DNA Testing Kit

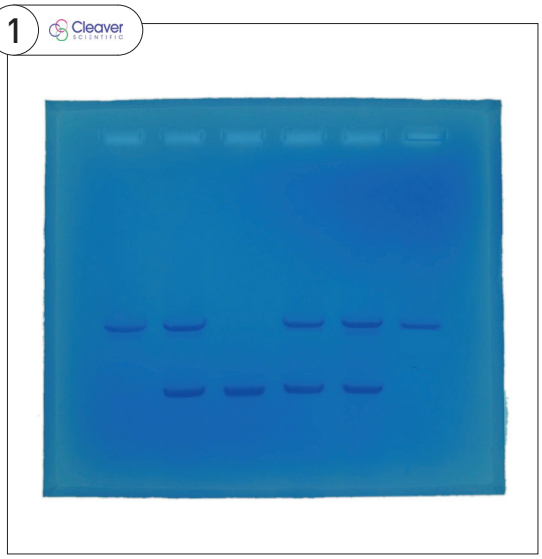
Cystic fibrosis is one of the most common genetic conditions in the UK. In this educational kit, students will learn about the basis of the disease, and run an agarose gel to separate DNA samples from healthy patients, carriers of the disease and CF patients.

Each kit includes enough DNA, agarose gel, electrophoresis buffer and DNA stain for up to 8 groups of students (8 gels). All you need is a horizontal electrophoresis system, power supply and pipettes.

- Whole experiment takes less than 1 hour
- Great for introducing genetic diseases and genetic screening to students
- Works perfectly with Cleaver Scientific and SLS Flowgen electrophoresis equipment

Code	Pack	Price
ELE0100	Each	£71.68

1



2. Cleaver Agarose Gel Low EEO

- High purity and multi-purpose
- Green agarose product
- Low background and high resolution sharp band
- Optimised gel strength for ease of gel preparation
- Ideal for routine analytical electrophoresis and blotting of DNA and RNA 0.1-10Kb in size

Code	Pack	Price
CSL-AG100	100g	£40.97
CSL-AG500	500g	£187.62

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3. Cleaver runSAFE Ethidium Bromide Substitute

runSAFE – a ready to use, safe and sensitive alternative to ethidium bromide and other DNA stains. Simply mix, load and run – runSAFE acts as both a loading dye and a DNA stain combined for added speed and convenience. Economic and low environmental impact – no expensive waste management is required and complies with Clean Water Act standards. Supplied in 6x loading buffer.

runSAFE is a non-mutagenic fluorescent reagent that produces instant visualisation of DNA bands upon blue light or UV illumination of gels. runSafe is used to prepare DNA markers and samples for loading on agarose or polyacrylamide gels. runSAFE is a highly sensitive stain available for detecting double stranded DNA (dsDNA). It contains three tracking dyes (bromophenol blue, xylene cyanol FF, and orange G) for visual tracking of DNA migration during electrophoresis. It is ideal for the environment providing a safe, sensitive, non-mutagenic and non-hazardous alternative to ethidium bromide.

- Safe – runSAFE keeps your lab safe because of its ultra low toxicity – (LC > 5000mg/kg)
- Convenient – ready to use in the same way as a 6 x loading dye
- Fast – no de-staining of gels is required
- Sensitive – very low background staining of the gel
- Improved cloning efficiency – does not damage or mutate DNA
- Flexible – can be used with blue or UV light

Code	Pack	Price
ELE1001	Each	£22.99

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