



PCRBIO SYSTEMS
simplifying research

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Fluorescent Dye

Product description

PCR Biosystems' Fluorescent Dye is a nucleic acid dye that becomes highly fluorescent upon binding to dsDNA. It is provided as a 20x stock reagent.

The dye is ideal for a wide variety of applications including qPCR, high resolution DNA melt curve analysis and isothermal amplification.

It is a green fluorescent dye with an excitation maximum at 482 nm and fluorescent emission maximum at 512 nm, so it can be visualized in every qPCR instrument by selecting the FAM channel.

The dye is particularly suitable for use with the IsoFast® Bst Polymerase products, catalogue number PB80.10-01 and PB80.10-08.

Quality control

PCR Biosystems operates under an ISO 13485 certified Quality Management System. Our products are extensively tested and undergo a comprehensive, multi-step quality control process according to ISO 13485 standards, to ensure optimum performance, consistency and traceability.

Pack size

20x Fluorescent Dye

200 reactions

2 x 125 µL

1000 reactions

2 x 625 µL

Shipping and storage

On arrival the kit should be stored between -30 °C and -20 °C. If stored correctly, the kit will retain full activity until the indicated expiry date. Avoid exposure of the stock solution to frequent temperature changes and limit handling at room temperature to the necessary minimum.

Technical support

Scan or click the QR code for answers to frequently asked technical questions. For further technical support, please email technical@pcrbio.com with the following information:

- Amplicon size
- Reaction setup
- Cycling conditions
- Screen grabs of amplification traces and melting profile



FAQS

Product Use: Unless we agree otherwise in writing, the Goods we supply are provided:

1. For research purposes only and you should not use or rely on the Goods for diagnostic purposes. If you wish to use the Goods in a regulatory approved medical device, please contact us so that we may consider this and discuss it further with you.
2. Subject to our standard terms and conditions found at <https://pcrbio.com/terms-conditions/>.