

# Cell proliferation labelling reagent bromodeoxyuridine (BrdU), fluorodeoxyuridine (FdU)

## Warning

For research use only.

Not recommended or intended for diagnosis of disease in humans or animals.

Do not use internally or externally in humans or animals.

## Handling

### Storage

Store refrigerated at 2–8 °C.

### Expiry

See outer packaging.

## Component

Supplied as an aqueous solution of 5-bromo-2'-deoxyuridine and 5-fluoro-2'-deoxyuridine.

## Safety warnings and precautions

Warning: For research use only.

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Warning: Contains 5-bromo-2'-deoxyuridine. See safety data sheet supplied.

All chemicals should be considered as potentially hazardous. We therefore recommend that this product is handled only by those persons who have been trained in laboratory techniques and that it is used in accordance with the principles of good laboratory practice. Wear suitable protective clothing such as laboratory overalls, safety glasses and gloves. Care should be taken to avoid contact with skin or eyes. In the case of contact with skin or eyes wash immediately with water. See material safety data sheet(s) and/or safety statement(s) for specific advice.

## Applications

The labelled reagent is supplied in the same formulation as used in the Amersham Biosciences cell proliferation kit (RPN20) and allows extended use of the kit where additional amounts of labelling reagent are required, for example, for *in vivo* studies.

For *in vitro* labelling, dilute labelling reagent 1:1000 with complete tissue culture medium, pre-warmed to 37 °C. Incubate cells or tissue fragments in labelling medium at 37 °C for required labelling time. For *in vivo* use, inject animal with undiluted labelling reagent, using 1–2 ml / 100 g body weight.

## References

- 1) GRATZNER, H.G., *Science*, **218**, p.474, 1982.
- 2) GONCHOROFF, N.J. *et al.*, *J.Immunol.Methods*, **93**, pp.97-101, 1986.
- 3) CAMPANA, D. *et al.*, *J.Immunol.Methods*, **107**, pp.79-88, 1988.

## Legal

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## Product information

Product name	code
Cell proliferation labelling reagent bromodeoxyuridine (BrdU), fluorodeoxyuridine (FdU)	RPN201

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