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## Accutase, Cell Detachment Solution

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### Product Description

- Catalog number:** UPN68081, 100ml
- Name :** Accutase, Cell Detachement Solution
- Fomulation:** 1x Accutase enzymes in Dubelcco's PBS (0.2g/L KCl, 0.2g/L KH<sub>2</sub>PO<sub>4</sub> ; 8g/L NaCl, 1.15g/L Na<sub>2</sub>HPO<sub>4</sub>), 0.5mM EDTA<sub>4</sub>Na, 3mg/L PhenolRed  
Accutase solution is a cell detachment solution of proteolytic and collagenasic enzymes, but does not contain mammalian or bacterial derived products.
- Storage:** Store at -20°C (shelf life of two years), shipped with blue pack (J)  
After thawing, should be stored for up 2 months at +4°C  
DO NOT STORE AT ROOM TEMPERATURE
- Quality Control:** Each lot is controled for sterility, and for functional activity of cell detachment.
- Applications :** **Cell Lines:** Accutase has been shown effective on : fibroblasts, keratinocytes, vascular endothelial cells, hepatocytes, vascular smooth muscle cells, hepatocyte progenitors, primary chick embryo neuronal cells, bone marrow stem cells, adherent CHO and BHK cells, macrophages, 293 cells, L929 cells, immortalized mouse testicular germ cells, 3T3, Vero, COS, HeLa, NT2, MG63, M24 and A375 metastatic melanoma, gliomas U251 and D54, HT1080 fibrosarcoma cells, and Sf9 insect cells.
- Technics:** Accutase is useful for the routine detachment of cells from standard tissue culture plasticware and adhesion coated plasticware, including SmartPlastic(tm)  
Accutase performs exceptionally well in detaching cells for : analysis of cell surface markers, virus growth assay, quiescence assays by serum starvation, transformation assays by oncogene transfection, neural crest cell migration assays, cell proliferation, cell haptotaxis, tumor cell migration assays, routine cell passage, production scale-up (bioreactor), and flow cytometry.

### Directions for Use

- Thaw Accutase at 37°C or room temperature
- Wash plate, flask or beads with sterile PBS
- Add Accutase to culture dish or flask using aseptic procedures at 10ml per 75cm<sup>2</sup> surface area
- return culture to 37°C incubator and allow to detach 5-10minutes
- count cells and passage as usual: no additionnal washes or enzyme inhibitor are required

For any information, please ask :  
Pour toute information complémentaire, s'adresser à :  
Uptima / Interchim; Hotline : +33(0)4 70 03 76 06  
[Uptima@interchim.com](mailto:Uptima@interchim.com) ; <http://www.interchim.com>

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For any question,  
contact you local distributor

Uptima,  
powered by



213 Avenue J.F. Kennedy - BP 1140  
03103 Montluçon Cedex - France  
Tél. 04 70 03 88 55 - Fax 04 70 03 82 60

[uptima@interchim.com](mailto:uptima@interchim.com)