

FUJIFILM

Wako

Code No. 038-24561 (100 mg)
034-24563 (500 mg)

Collagenase Type A, Animal-derived-free コラゲナーゼ タイプA, 動物由来物フリー

Source : *Clostridium histolyticum*

Appearance : Brown, crystals~powder or flakes

Optimum pH : 6.3-7.5¹⁾

Activity : Indicated on the label

[Unit Definition of Collagenase]

One unit liberates one micromole of L-Leucine equivalents from collagen in 5 hours at 37 °C, pH 7.5.

Caseinase Activity : $\geq$ 150 units/mg

Clostripain Activity : $\leq$ 8.0 units/mg

Tryptic Activity : $\geq$ 0.1 units/mg

[Reconstitution]

Prepare a stock solution at concentration of > 1 mg/mL in a buffer (i.e. PBS, Hanks etc.).

Once reconstituted, collagenase should be aliquoted and frozen at -20 °C or -80 °C. Avoid repeated freeze/ thaw cycles.

[Storage] Store at 2-10 °C in the dark.

[Expiration date] Indicated on the label

[Package]

Code No.	Packaging
038-24561	100 mg
034-24563	500 mg

[Reference]

1) Soru, E and Zaharia, O. : *Enzymologia*, **43**, 45 (1972).

FUJIFILM Wako Pure Chemical Corporation

1-2, Doshomachi 3-Chome, Chuo-Ku, Osaka 540-8605, Japan
Telephone : + 81-6-6203-3741
Facsimile : + 81-6-6201-5964
<http://fwk.fujifilm.co.jp>

FUJIFILM Wako Chemicals U.S.A. Corporation

1600 Bellwood Road
Richmond, VA 23237
U.S.A.
Telephone : + 1-804-271-7677
Facsimile : + 1-804-271-7791
<http://www.wakousa.com>

FUJIFILM Wako Chemicals Europe GmbH

Fuggerstrasse 12
D-41468 Neuss
Germany
Telephone : + 49-2131-311-0
Facsimile : + 49-2131-311100
<http://www.wako-chemicals.de>

2304KA3