

**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** : 6.3-7.5<sup>1)</sup>

**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

Triptic 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://www.wako-chem.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>

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