

Product Specification

Product Name :

Collagenase from Clostridium histolyticum 0.2 µm filtered, suitable for release of physiologically active rat hepatocytes, Type IV-S, 0.5-5.0 FALGPA units/mg solid, ≥125 CDU/mg solid

Product Number: C1889

CAS Number: 9001-12-1

Storage Temperature : Freezer -20°C

		Hepatocyte	Adipocyte	Pancreatic
C1889	10	+	+	+
C1890	1	+	+	+
C1891	1	+	+	+
C1892	1	+	+	+
C1893	1	+	+	+
C1894	1	+	+	+
C1895	1	+	+	+
C1896	1	+	+	+
C1897	1	+	+	+
C1898	1	+	+	+
C1899	1	+	+	+
C1900	1	+	+	+
C1901	1	+	+	+
C1902	1	+	+	+
C1903	1	+	+	+
C1904	1	+	+	+
C1905	1	+	+	+
C1906	1	+	+	+
C1907	1	+	+	+
C1908	1	+	+	+
C1909	1	+	+	+
C1910	1	+	+	+
C1911	1	+	+	+
C1912	1	+	+	+
C1913	1	+	+	+
C1914	1	+	+	+
C1915	1	+	+	+
C1916	1	+	+	+
C1917	1	+	+	+
C1918	1	+	+	+
C1919	1	+	+	+
C1920	1	+	+	+
C1921	1	+	+	+
C1922	1	+	+	+
C1923	1	+	+	+
C1924	1	+	+	+
C1925	1	+	+	+
C1926	1	+	+	+
C1927	1	+	+	+
C1928	1	+	+	+
C1929	1	+	+	+
C1930	1	+	+	+
C1931	1	+	+	+
C1932	1	+	+	+
C1933	1	+	+	+
C1934	1	+	+	+
C1935	1	+	+	+
C1936	1	+	+	+
C1937	1	+	+	+
C1938	1	+	+	+
C1939	1	+	+	+
C1940	1	+	+	+
C1941	1	+	+	+
C1942	1	+	+	+
C1943	1	+	+	+
C1944	1	+	+	+
C1945	1	+	+	+
C1946	1	+	+	+
C1947	1	+	+	+
C1948	1	+	+	+
C1949	1	+	+	+
C1950	1	+	+	+
C1951	1	+	+	+
C1952	1	+	+	+
C1953	1	+	+	+
C1954	1	+	+	+
C1955	1	+	+	+
C1956	1	+	+	+
C1957	1	+	+	+
C1958	1	+	+	+
C1959	1	+	+	+
C1960	1	+	+	+
C1961	1	+	+	+
C1962	1	+	+	+
C1963	1	+	+	+
C1964	1	+	+	+
C1965	1	+	+	+
C1966	1	+	+	+
C1967	1	+	+	+
C1968	1	+	+	+
C1969	1	+	+	+
C1970	1	+	+	+
C1971	1	+	+	+
C1972	1	+	+	+
C1973	1	+	+	+
C1974	1	+	+	+
C1975	1	+	+	+
C1976	1	+	+	+
C1977	1	+	+	+
C1978	1	+	+	+
C1979	1	+	+	+
C1980	1	+	+	+
C1981	1	+	+	+
C1982	1	+	+	+
C1983	1	+	+	+
C1984	1	+	+	+
C1985	1	+	+	+
C1986	1	+	+	+
C1987	1	+	+	+
C1988	1	+	+	+
C1989	1	+	+	+
C1990	1	+	+	+
C1991	1	+	+	+
C1992	1	+	+	+
C1993	1	+	+	+
C1994	1	+	+	+
C1995	1	+	+	+
C1996	1	+	+	+
C1997	1	+	+	+
C1998	1	+	+	+
C1999	1	+	+	+
C2000	1	+	+	+

Test
Specification

Appearance (Color)

Light Beige to Dark Beige to Dark Brown

Appearance (Form)

Powder

units/mg Solid (Collagen)

≥ 125

Unit definition: One unit liberates peptides from collagen from bovine achilles tendon equivalent in ninhydrin color to 1.0 micromole of leucine in 5 hours at pH 7.4 at 37 deg C in the presence of calcium ions.

units/mg Solid (FALGPA)

0.5 - 5.0

One unit hydrolyzes 1.0 micromole of Furylacryloyl-Leu-Gly-Pro-Ala (FALGPA, F5135) per minute at pH 7.5 at 25 deg C in the presence of Calcium ions.

units/mg Solid (Caseinase)

≥ 10

Units/mg solid (Clostripain)

≥ 0.1

Sigma-Aldrich warrants that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Version Number: PRP.00.ZQ5.1096026

Page 1 of 1

The branding on the header and/or footer of this document may temporarily not visually match the product purchased as we transition our branding. However, all of the information in the document regarding the product remains unchanged and matches the product ordered. For further information please contact mlsbranding@sial.com

