

Title (en)
NON-DENATURING POTENCY ASSAY FOR BOVINE SOMATOTROPIN.

Title (de)
NICHTDENATURIERENDER WIRKSAMKEITSTEST FÜR RINDERSOMATOTROPINE.

Title (fr)
DOSAGE NON-DENATURANT DE LA PUISSANCE DE LA SOMATOTROPINE BOVINE.

Publication
EP 0681696 A1 19951115 (EN)

Application
EP 94907307 A 19940124

Priority
• US 903493 A 19930126
• US 9400850 W 19940124

Abstract (en)
[origin: WO9417403A1] Described is a method for determining the potency of bovine somatotropin. The level of biologically active bovine somatotropin protein in the bovine somatotropin sample is measured by size exclusion HPLC employing as the stationary phase a hydrophilic porous polymer gel having an average particle diameter of about 5 μ m to about 15 μ m and as a mobile phase a buffered aqueous solution having a pH of about 8 to about 12 and which is non-denaturing to the bovine somatotropin sample. The potency of the bovine somatotropin sample is determined based upon the level of biologically active bovine somatotropin protein so measured. The method provides an expedient, precise and accurate measure of the potency of a bST sample.

IPC 1-7
G01N 30/02

IPC 8 full level
G01N 33/483 (2006.01); **B01J 20/285** (2006.01); **C07K 14/61** (2006.01); **G01N 30/32** (2006.01); **G01N 30/88** (2006.01); **G01N 33/74** (2006.01); **G01N 30/02** (2006.01); **G01N 30/34** (2006.01); **G01N 30/52** (2006.01)

CPC (source: EP KR US)
B01J 20/262 (2013.01 - EP); **B01J 20/267** (2013.01 - EP); **B01J 20/28004** (2013.01 - EP); **B01J 20/281** (2013.01 - KR); **B01J 20/285** (2013.01 - EP US); **B01J 20/291** (2013.01 - EP); **C07K 14/61** (2013.01 - EP KR US); **G01N 30/34** (2013.01 - KR); **G01N 30/02** (2013.01 - EP); **G01N 30/34** (2013.01 - EP); **G01N 2030/524** (2013.01 - EP KR); **G01N 2030/8831** (2013.01 - EP KR)

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9417403 A1 19940804; AU 6094794 A 19940815; BR 9405672 A 19951114; CA 2154794 A1 19940124; CN 1119042 A 19960320; CZ 193595 A3 19960515; EP 0681696 A1 19951115; EP 0681696 A4 19951122; HU 9502233 D0 19950928; HU T75678 A 19970528; JP H08509288 A 19961001; KR 960700454 A 19960120; NO 952948 D0 19950725; NO 952948 L 19950918; PL 310053 A1 19951113; ZA 94169 B 19940907

DOCDB simple family (application)
US 9400850 W 19940124; AU 6094794 A 19940124; BR 9405672 A 19940124; CA 2154794 A 19940124; CN 94191402 A 19940124; CZ 193595 A 19940124; EP 94907307 A 19940124; HU 9502233 A 19940124; JP 51725694 A 19940124; KR 19950703075 A 19950726; NO 952948 A 19950725; PL 31005394 A 19940124; ZA 94169 A 19940111