

Title (en)
REAGENTS AND METHODS FOR THE DETECTION OF METHOTREXATE

Title (de)
REAGENZIEN UND VERFAHREN ZUM NACHWEIS VON METHOTREXAT

Title (fr)
REACTIFS ET PROCEDES DE DETECTION DU METHOTREXATE

Publication
EP 0733102 A1 19960925 (EN)

Application
EP 95902688 A 19941122

Priority
• US 9413558 W 19941122
• US 16512193 A 19931210

Abstract (en)
[origin: WO9516026A1] A murine monoclonal IgG antibody is provided which is useful in the detection of methotrexate in body fluids. This monoclonal antibody, designated 4-351-178, may be employed in an assay for methotrexate, preferably a fluorescence polarization immunoassay (FPIA) of urine. Monoclonal antibody 4-351-178 is characterized by having no detectable cross-reactivity with 7-hydroxymethotrexate. Also disclosed is a hybridoma cell line, ATCC HB 11467, which produces the monoclonal antibody of the invention.

IPC 1-7
C12N 5/20; **C07K 16/44**; **G01N 33/533**; **G01N 33/94**

IPC 8 full level
G01N 33/53 (2006.01); **C07K 16/44** (2006.01); **C12N 5/00** (2006.01); **C12N 5/10** (2006.01); **C12N 5/20** (2006.01); **C12N 15/02** (2006.01); **C12P 21/08** (2006.01); **G01N 33/533** (2006.01); **G01N 33/577** (2006.01); **G01N 33/94** (2006.01); **C12R 1/91** (2006.01)

CPC (source: EP)
C07K 16/44 (2013.01); **G01N 33/533** (2013.01); **G01N 33/94** (2013.01)

Citation (search report)
See references of WO 9516026A1

Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI NL

DOCDB simple family (publication)
WO 9516026 A1 19950615; AU 1186695 A 19950627; CA 2178590 A1 19950615; EP 0733102 A1 19960925; JP H09506260 A 19970624

DOCDB simple family (application)
US 9413558 W 19941122; AU 1186695 A 19941122; CA 2178590 A 19941122; EP 95902688 A 19941122; JP 51620995 A 19941122