

Title (en)
NUCLEIC ACIDS ENCODING OUTER MEMBRANE PROTEIN OF HUMAN GRANULOCYTIC EHRLICHIOSIS AGENT

Title (de)
DIE ÄUSSEREN MEMBRANPROTEINE DES HUMANEN GRANULOCYTISCHEN EHRLICHIOSE-AGENS KODIERENDEN NUKLEINSÄUREN

Title (fr)
ACIDES NUCLEIQUES CODANT UNE PROTEINE DE MEMBRANE EXTERIEURE D'AGENT D'EHRlichIOSE GRANULOCYTAIRE HUMAINE

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Abstract (en)
[origin: WO9952370A1] The invention provides tools for serodiagnosing HGE. The tools are structurally related proteins, "Group 44 proteins", and antibodies to such proteins. The Group 44 proteins comprise a single central hypervariable region, a first conserved region and a second conserved region which flank the central hypervariable region. The Group 44 proteins comprise P44, P44-2, P44-12, P44-15, P44-18, P44-19, and variants of such proteins. The invention also provides isolated polynucleotides or nucleic acids, referred to as "Group 44 polynucleotides", which encode the Group 44 proteins and fragments thereof. Each oligopeptide comprises a sequence specific to one Group 44 protein. The present invention also provides antibodies immunospecific for and which bind to members of the P44 family of proteins. The present invention provides kits containing reagent for diagnosing HGE.

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