

ABSTRACT**IMMUNOGENIC COMPOSITIONS AGAINST HELICOBACTER INFECTION,
POLYPEPTIDES FOR USE IN THE COMPOSITIONS AND NUCLEIC ACID
SEQUENCES ENCODING SAID POLYPEPTIDES**

The invention relates to an immunogenic composition, capable of inducing protective antibodies against Helicobacter infection, characterised in that it comprises: i) at least one sub-unit of a urease structural polypeptide from Helicobacter pylori, or a fragment thereof, said fragment being recognised by antibodies reacting with Helicobacter felis urease, and/or at least one sub-unit of a urease structural polypeptide from Helicobacter felis, or a fragment thereof, said fragment being recognised by antibodies reacting with Helicobacter pylori urease; ii) and/or, a Heat Shock protein (HSP), or chaperonin, from Helicobacter, or a fragment of said protein. The invention also relates to the preparation, by recombinant means, of such immunogenic compositions.

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