

(54) Title of the invention : METHOD OF OBTAINING A BINDER TO PREPRO VASOPRESSIN OR FRAGMENTS THEREOF

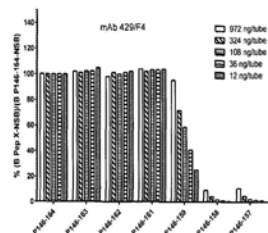
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(57) Abstract :

Method of obtaining and/or verifying a binder to prepro Vasopressin (SEQ ID NO. 1) or fragments thereof of at least 6 amino acids in length including Copeptin (SEQ ID NO. 2) comprising at least one of the steps of: a) generating the binder using a developer comprising an amino acid sequence of at least 6 amino acids in length contained in an amino acid sequence corresponding to the C terminal part but lacking amino acid 164 of prepro Vasopressin (SEQ ID NO. 1); b) determining whether the binder is capable of binding to an amino acid sequence of at least 4 amino acids in length contained in an amino acid sequence corresponding to the C terminal part but lacking amino acid 164 of prepro Vasopressin (SEQ ID NO. 1); c) selecting and optionally isolating the binder from a plurality of binders which is capable of binding to an amino acid sequence contained in an amino acid sequence corresponding to the C terminal part but lacking amino acid 164 of prepro Vasopressin (SEQ ID NO. 1); d) carrying out binding assays with the binder in order to determine the ex vivo stability of prepro Vasopressin or fragments thereof of at least 6 amino acids in length including Copeptin in a biological sample; e) carrying out binding assays with the binder and another binder for comparison purposes in order to determine the concentration of prepro Vasopressin or fragments thereof of at least 6 amino acids in length including Copeptin in a biological sample; wherein the C terminal part consists of amino acids 138 to 164 of prepro Vasopressin (SEQ ID NO. 1) in order to obtain a binder or a mixture of binders capable of binding to an epitope contained in an amino acid sequence corresponding to amino acids 1 38 to 163 but lacking amino acid 164 of prepro Vasopressin (SEQ ID NO. 1).

FIG. 1 (C)



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