

Title (en)

CEA-BINDING PROTEINS AND METHODS FOR THEIR ISOLATION AND USE.

Title (de)

CEA-BINDENDE PROTEINE UND METHODEN IHRER ISOLATION UND VERWENDUNG.

Title (fr)

PROTEINES DE LIAISON D'ANTIGENE CARCINOEMBRYONNAIRE ET LEURS PROCEDES D'ISOLATION ET D'UTILISATION.

Publication

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Application

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Abstract (en)

[origin: WO9221364A1] Disclosed are proteins, or fragments thereof, that specifically bind carcinoembryonic antigen (CEA) in the presence of a divalent cation in vitro. Also disclosed are methods of isolating these and other proteins which bind CEA. In this method, a biological sample containing CEA and a CEA-binding protein (CBP) is provided and contacted with a divalent cation at a concentration and for a time sufficient to enable the binding of said CBP to CEA, thereby forming a CBP-CEA conjugate. The sample is then contacted with an adsorbent that binds CEA for a time sufficient to allow the conjugate to adsorb to the adsorbent. Any portions of the sample which have not adsorbed to the adsorbent are removed. The CBP is dissociated from the adsorbent-bound conjugate and collected.

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Citation (search report)

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