BIOLOGICAL PATCH FOR THORACIC SURGERY AND PREPARATION METHOD THEREFOR

Abstract

The present invention discloses a biological patch for thoracic surgery. The biological patch has a maximum tensile elongation greater than 17.2 %, an elastic strain greater than 18.3 %, and a single-suture tensile force greater than 15.5 N. The present invention further discloses a preparation method for the the biological patch for thoracic surgery. The biological patch provided by the present invention can be used for padding and sealing the cut edges of lung and tracheal tissues, promoting healing and repair of cut-edge tissues, and effectively preventing various complications caused by postoperative air leakage.

Fig.1