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(57) Abstract :

ABSTRACT BIOCOMPATIBLE NANOSTRIP FOR QUANTITATIVE AND QUALITATIVE EVALUATION OF TEARS The present invention relates to a biocompatible nanostrip for quantitative and qualitative evaluation of tears, comprising of a graduated Whatman filter paper as base loaded with a plurality of nanoparticle solutions functionalized with IgA-specific antibodies. In the present invention at least three different types of nanoparticles are used: silica nanoparticles; polymeric nanoparticles and lipid-based nanoparticles.

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