ABSTRACT

A process for the preparation of an instant agar medium which can be immediately used as a culture medium merely by heating a container packed with the agar medium just before the use for a short time, can be stored for a long period and little suffers from the deterioration of medium components. Specifically, a process for the preparation of an instant agar medium which can be dissolved by heating for a short time just before the use, characterized by dissolving under heating 10 to 80 wt.% of a prescribed amount of agar to be used in an agar medium in part of a prescribed amount of water to be used therein, cooling the obtained solution, separately dispersing or dissolving the rest of agar and the other culture medium components in the rest of water, mixing the cooled solution with the separately prepared dispersion or solution, adjusting the viscosity of the obtained fluid to 40 to 4,000 mPa·s, packing the resulting fluid into a container, hermetically sealing the container, and sterilizing it.