

<原 著>

胎盤抽出物の線維芽細胞増殖に及ぼす影響

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Effect of Placenta Extract on Fibroblast Proliferation

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Abstract

It has been reported placenta extract promoted tissue metabolism and its repair. It is well known various enzymes, vitamins, amino acids are contained in a placenta extract.

Placenta extract has been used as a ulcer preventing agent or a wound repairing agent. However no researches for its tissue repairing activity have been reported.

Now we carried out an experiment to detect the tissue repairing components of placenta extract by measuring the proliferation rate of fibroblast.

The fibroblast was taken from healthy guinea pig dermis.

We could detect 92,000 molecular weight protein of human placenta and 80,000 and 25,000 molecular weight proteins of bovine placenta as tissue repairing components.

Key words: placenta extract-fibroblast-guinea pig dermis-human placenta-bovine placenta