

Liver function improving drug / hepatic reserve-function vehicle

# LAENNEC<sup>®</sup>

Placental Extract (Human)



## ■ INDICATION(S)

Improvement of hepatic function in chronic hepatic disease

## ■ DOSAGE AND ADMINISTRATION

The normal adult dose is a 2mL subcutaneous or intramuscular injection once daily. According to symptoms, the dose can be increased to 2 or 3 times daily.

## ■ PHARMACOKINETICS

The bioactive ingredients of LAENNEC<sup>®</sup> are extracted from human placenta, and contain a variety of cytokines, amino acids, peptides, nucleobases, carbohydrates, etc. derived from humans. The primary pharmacological effects of this product can not necessarily be attributed to a single substance or ingredient. Therefore, evaluation of the pharmacokinetics (absorption, distribution, metabolism, and excretion) of this product has not been established.

## ■ CLINICAL STUDIES

In a double-blind crossover study of 124 patients in Japan on the effects of LAENNEC<sup>®</sup> on chronic hepatitis and hepatic cirrhosis, administration of this product improved serum transaminase (GOT, GPT) levels significantly.