Ava-II RFLP at the human hepatic lipase (HL) gene locus

S.R.Li, L.Chan¹, J.Thorn, M.Baroni, R.Oelbaum, D.J.Galton and J.Stocks

Diabetes and Lipid Laboratory, St Bartholomew's Hospital, London EC1 7BE, UK and ¹Departments of Cell Biology and Medicine, Baylor College of Medicine, Houston, TX 77030, USA

SOURCE/DESCRIPTION:

λ HLL2 contains a cDNA corresponding to the human hepatic lipase mRNA from position -8 to the poly A tail (1).

POLYMORPHISM:

Ava-II detects invariant bands at 3.9 Kb, 3.6 Kb, 1.5 Kb and 1.4 Kb and a two allele polymorphism with bands at 2.8 Kb and 2.6 Kb.

FREQUENCY:

Studied in 23 caucasians 2.8 Kb = 0.78, 2.6 Kb allele = 0.22

NOT POLYMORPHIC FOR:

Apa-I, Xba-I, Bst-I and see (1).

CHROMOSOMAL LOCALISATION:

Human hepatic lipase assigned to chromosome 15 q15 - q22 (1).

MENDELIAN INHERITANCE:

Co-dominant inheritance demonstrated in three 2 generation families with 19 members.

PROBE AVAILABILITY:

Request for probe to LC at the above address.

REFERENCE:

(1) S Datta et al. J. Biol. Chem. 263 : 1107 - 1110 (1988)

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