Also Known As: Ldlr KO

Mice homozygous for the Ldlr<sup>tm1Her</sup> mutation have an elevated serum cholesterol level of 200-400 mg/dl and they have very high levels (>2,000 mg/dl) when fed a high fat diet. Normal serum cholesterol in the mouse is 80-100 mg/dl.

Donating Investigator

IMR Colony, The Jackson Laboratory
RESEARCH APPLICATIONS
Diabetes and Obesity Research
Cardiovascular Research
Mouse/Human Gene Homologs
Metabolism Research

BASE PRICE
Starting at:
$133.35 Domestic price for male 3-week

Details

Detailed Description
Mice homozygous for the Ldlr<sup>tm1Her</sup> mutation have an elevated serum cholesterol level of 200-400 mg/dl and they have very high levels (>2,000 mg/dl) when fed a high fat diet. Normal serum cholesterol in the mouse is 80-100 mg/dl.

Development

Control Suggestions

Selected References

Genetics

Ldlr<sup>tm1Her</sup>
Genotyping Protocols
Standard PCR: Ldlr-alternate 1
Genotyping resources and troubleshooting

Breeding Considerations
This strain is a good breeder.

This Ldlr<sup>tm1Her</sup> strain is maintained by mating homozygous siblings. Only homozygous mice may be ordered.

Additional Breeding and Husbandry Support
Mating System
Homozygote x Homozygote
Appearance
black
Related Genotype: a/a
Citation
When using the Ldlr KO mouse strain in a publication, please cite the originating article(s) and include JAX stock #002207 in your Materials and Methods section.
**Pricing & Availability**

Readily Available

Sized to accommodate orders of up to 100 or more. Ask Customer Service for details.

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<th>SEX</th>
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<td>3 weeks</td>
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<td>$135.89</td>
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All

By Allele

By Gene

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