**B6(Cg)-Tlr4 tm1.2Karp/J**

**Stock No:** 029015 | Tlr4 KO

- Congenic Targeted Mutation

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**Overview**

**Also Known As:** Tlr4 KO

Tlr4 KO mice may be useful in applications related to the study of innate immune responses.

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**GENETIC OVERVIEW**

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
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<tbody>
<tr>
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<td>(2018-01-23 00:00:00)</td>
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</table>

- Tlr4tm1.2Karp
RESEARCH APPLICATIONS
Immunology, Inflammation and Autoimmunity Research

BASE PRICE
Starting at:

$236.78 Domestic price for female 4-week

Details

Tlr4 KO mice lack exon 3 of the toll-like receptor 4 (Tlr4) gene. The Tlr4, toll-like receptor 4, gene encodes a protein that has a critical role in pathogen recognition and activation of the innate immune system. Mice that are homozygous for this allele are viable and fertile. Mice may exhibit a defective response to LPS stimulation and defects in Toll signaling pathways involved with inflammation.

Development

Control Suggestions

Genetics

Tlr4<sup>tm1.2Kup</sup>

Disease/Phenotype

Disease Terms

Research Areas By Genotype

Mammalian Phenotype Terms by Genotype
## Technical Support

CONTACT TECHNICAL SUPPORT

## Genotyping Protocols

**SEPARATED MELT: Tlr4<sup>tm1.2Karp</sup>**

Genotyping resources and troubleshooting

## Dietary Information

LabDiet® 5K52 formulation (6% fat)

## Breeding Considerations

When maintaining a live colony, these mice can be bred as homozygotes.

Additional Breeding and Husbandry Support

## Mating System

Homozygote x Homozygote

## Citation

When using the Tlr4<sup>KO</sup> mouse strain in a publication, please cite the originating article(s) and include JAX stock #029015 in your Materials and Methods section.

### Facility Barrier Level Descriptions

AX10 (Standard)

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## Pricing & Availability

### Ask Customer Service for an anticipated lead time

### Pricing & Availability Table

<table>
<thead>
<tr>
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<tr>
<td>4 weeks</td>
<td>Female</td>
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