



STOCK Tg(CAG-Bgeo/ALPP)1Lbe/J

Stock No: 003919 | Z/AP reporter

 Transgenic



CRYO RECOVERY

PLACE ORDER

Typically mice are recovered in 10-14 weeks. Contact Customer Service to place an order or for more information.

Overview

Also Known As: Z/AP reporter

These Z/AP reporter mice express a transgene containing a floxed Beta-geo and the human placental alkaline phosphatase gene with widespread expression of *lacZ* except in erythrocytes, chondrocytes and adipocytes.

Donating Investigator

Corrinne Lobe, Sunnybrook & Women's College HSC

[READ MORE +](#)

GENETIC OVERVIEW

Genetic Background

Generation

Tg(CAG-Bgeo/ALPP)1Lbe

Allele Type

Transgenic (Reporter)

[VIEW GENETICS](#)

RESEARCH APPLICATIONS

Research Tools

[VIEW ALL RESEARCH APPLICATIONS](#)

BASE PRICE

Starting at:

\$2,854.50 Domestic price Cryo Recovery

[VIEW PRICE LIST](#)

[- Details](#)

[+ Detailed Description](#)

These transgenic mice constitutively express *lacZ* under the control of the CMV enhancer/chicken actin promoter. Expression is widespread with notable exceptions being erythrocytes, chondrocytes and adipocytes. Expression is observed throughout all embryonic and adult stages. When crossed with a Cre recombinase-expressing strain, *lacZ* expression is replaced with alkaline phosphatase expression in tissues expressing *Cre*. This double reporter system makes it possible to distinguish a lack of reporter expression from a lack of Cre recombinase expression while providing a means to assess *cre* excision activity at the individual cell level.

[+ Development](#)

[+ Expression Data](#)

[+ Control Suggestions](#)

[+ Selected References](#)

[- Genetics](#)

[+ Tg\(CAG-Bgeo/ALPP\)1Lbe](#)

[- Disease/Phenotype](#)

[+ Disease Terms](#)

[+ Research Areas By Genotype](#)

[+ Mammalian Phenotype Terms by Genotype](#)

[+ References](#)

[- Technical Support](#)

C H A T O  F L I N E

C O N T A C T T E C H N I C A L S U P P O R T

Genotyping Protocols

Standard PCR:[Tg\(CAG-Bgeo/ALPP\)1Lbe](#)

Standard PCR:[Tg\(CAG-Bgeo/ALPP\)1Lbe](#)

[Genotyping resources and troubleshooting](#)

Breeding Considerations

This strain arose on the 129X1/SvJ x 129S1/Sv (R1 ES cell line) background and was maintained by the donating investigator as a hemizygote by crosses to wildtype outbred CD1 mice. It is unknown if homozygotes are viable. Coat color expected from breeding:Agouti

[Additional Breeding and Husbandry Support](#)

Citation

When using the Z/AP reporter mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #003919 in your Materials and Methods section.

Production of mice from cryopreserved embryos or sperm occurs in a maximum barrier room, [G200](#)

[- Pricing & Availability](#)



Typically mice are recovered in 10-14 weeks. Contact Customer Service to place

Cryo Recovery [an order or for more information.](#)

Domestic International

Pricing effective for USA, Canada and Mexico shipping destinations

Cryorecovery - Domestic Pricing

SERVICE	GENOTYPE	PRICE
Cryo Recovery	Hemizygous or Non carrier for Tg(CAG-Bgeo/ALPP)1Lbe	\$2,854.50

We will fulfill your order by providing at least two carriers for each strain ordered. The total number, sex, and genotypes provided will vary, although typically 8 or more animals are provided. Please check genotypes which will be recovered. While the genotypes of all animals produced will be communicated to you prior to scheduling shipment, the genotypes of animals provided may not reflect the mating scheme and genotypes described in the strain description. Animals are typically ready to ship in 11-14 weeks. If a second recovery is required to produce the minimum number of animals, then delivery time would increase to approximately 25 weeks. If we fail to produce animals of the correct genotype, you will not be charged. We cannot guarantee the reproductive success of mice shipped to your facility. If the mice are lost after the first three days (post-arrival) or do not produce progeny at your facility, a new order and fee will be necessary.

Cryorecovery to establish a [Dedicated Supply](#) for greater quantities of mice. Mice recovered can be used to establish a dedicated colony to contractually supply you mice according to your requirements. Price by quotation.

Related Products and Services

Frozen Mouse Embryo	STOCK Tg(CAG-Bgeo/ALPP)1Lbe/J Frozen Embryos	\$2595.00
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Payment Terms and Conditions

Terms are granted by individual review and stated on the customer invoice(s) and account statement. These transactions are payable in U.S. currency within the granted terms. Payment for services, products, shipping containers, and shipping costs that are rendered are expected within the payment terms indicated on the invoice or stated by contract. Invoices and account balances in arrears of stated terms may result in The Jackson Laboratory pursuing collection activities including but not limited to outside agencies and court filings.

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Terms of Use

[General Terms and Conditions](#)

Q U E S T I O N S A B O U T T E R M S O F U S E

Licensing Information

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