



CD1 Mice

Nomenclature

Crl:CD1(ICR) (outbred)

Strain origin

The original group of Swiss mice that served as progenitors of this stock consisted of 2 male and 7 female albino mice derived from a non-inbred stock in the laboratory of Dr. de Coulon, Centre Anticancéreux Romand, Lausanne, Switzerland. These animals were imported into the United States by Dr. Clara Lynch of the Rockefeller Institute in 1926. The Hauschka (Ha/ICR) stock was initiated in 1948 at the Institute for Cancer Research in Philadelphia from "Swiss" mice of Rockefeller origin. From the ICR, they were transferred to Dr. Edward Mirand at Roswell Park Memorial Institute where they were designated as HaM/ICR. In 1959, they were transferred to Charles River Laboratories and hysterectomy rederived the same year.

Appearance

Albino

Strain characteristics

- Rapid growth
- Docile, easy to work with
- High reproduction rate
- Additional strain characteristics available at www.criver.com
 - Spontaneous Neoplastic Lesions in the Crl:CD-1(ICR) Mouse in Control Groups from 18 Month to 2 year Studies - March 2005
 - Baseline Hematology and Clinical Chemistry Values as a Function of Sex and Age for Charles River CD-1 and CF-1 Mice - 1986

Genetic management

Animals are bred using the Charles River International Genetic Standard (IGS) system. Our IGS system is a managed breeding program for all stocks and strains. For outbred colonies, it includes backward and forward migrations between international production colonies and the reference colony. For more information on the IGS system refer to "The development and maintenance of the Crl:CD[®](SD) IGS rat breeding system", by William White et al. Available on our web site, www.criver.com, or via email to products@eu.crl.com.

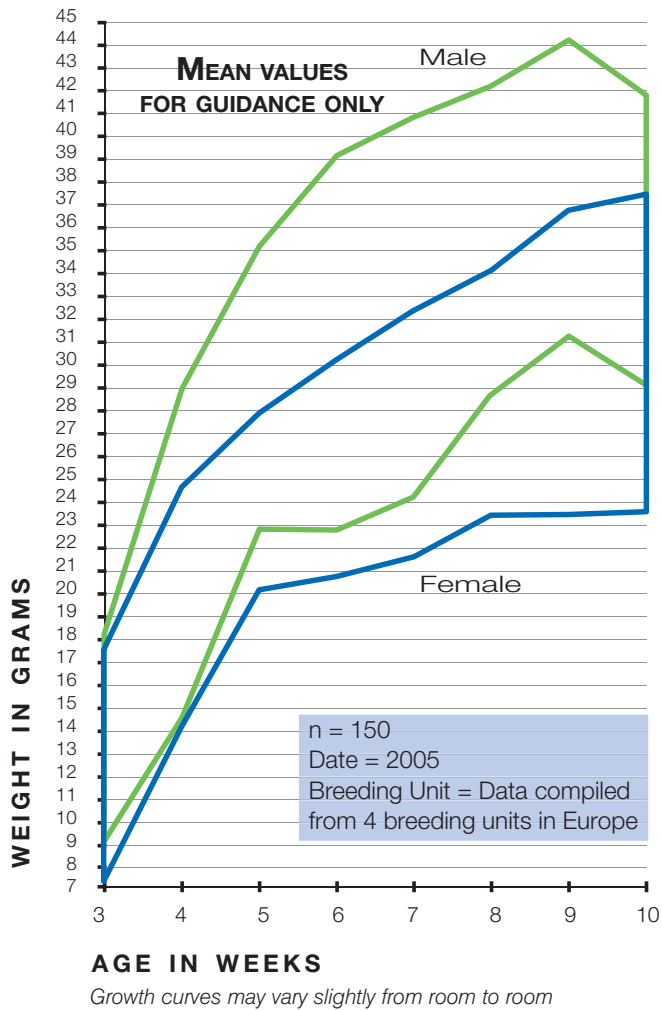
Research applications

Model for general use including :

- Toxicology
- Teratology
- Pharmacology
- Physiology

CD1 Mice

Growth Curve



Breeding system

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|----------------------|--|
| Mating system | Harem - 1 male and 13 females |
| Litter size at birth | 11 - 12 |
| Gestation period | 19 - 20 days |
| Weaning age | 16 - 21 days |
| Watering system | Filtered (0.1 μ m), bottle system |
| Diet | Rodent VRF1, autoclaved, <i>ad libitum</i> |
| Room temperature | 21 +/- 1 °C |
| Light cycle | 12 -12 (6.00 pm-6.00 am) |
| Bedding | Sawdust bedding, autoclaved |