

Yucatan Miniature Swine

Background

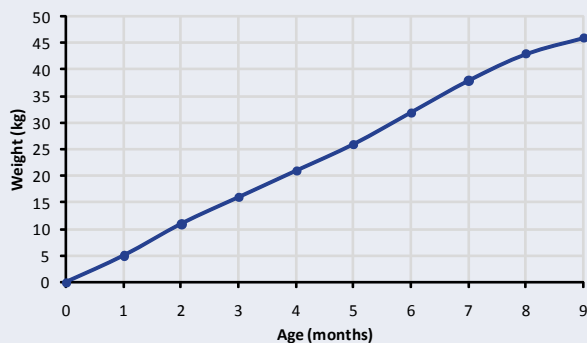
- Domesticated miniature swine
- Sinclair acquired two colonies of Yucatan, one from Biotech Inc. and one from Charles River Laboratories (CRL).

Origin

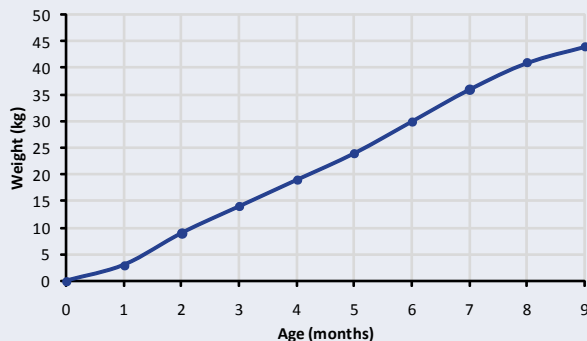
- Both Yucatan colonies produced by Sinclair have the same origin.
- 25 animals imported into the United States in 1960. Developed at Colorado State University with funding from the Kroc Foundation.
- Sinclair assumed production of the Biotech colony in 1995 and the CRL colony in 2002.
- The Biotech colony is in Columbia, MO and the CRL colony is in Windham, ME.
- The colonies are closed and fully pedigreed.

Growth Curves

Male



Female



Characteristics

- Purpose-bred, socialized and vaccinated.
- Darkly pigmented skin with little or no hair.
- **White hairless** lineage for dermal studies.
- **VSD** lineage also available.
DNA samples from the Biotech colony are banked and available for documentation and/or genetic studies.
- The Biotech colony is MHC haplotyped defined for transplantation studies (MHC genes of these lines have been cloned and sequenced for the SLA class I and class II and the characterizations of allele-specific monoclonal antibodies).
- Free from common domestic swine diseases; e.g. leptospirosis, brucellosis, pseudorabies, transmissible gastroenteritis, porcine reproductive respiratory syndrome, toxoplasmosis, etc.