

# A9 | 305166

**Description**

A9 is a mouse strain derived from a cross between C57BL/6J and 129/SvEv. It is a highly inbred strain with a high degree of genetic homogeneity. The strain is characterized by its high genetic diversity and is used in a wide range of genetic and biomedical research. The strain is maintained at the Cytion facility and is available for research purposes. The strain is characterized by its high genetic diversity and is used in a wide range of genetic and biomedical research. The strain is maintained at the Cytion facility and is available for research purposes.

**Organism** Mus musculus

**Tissue** Blood, Brain, Colon, Esophagus, Fat, Heart, Kidney, Liver, Muscle, Pancreas, Skin, Spleen, Stomach, Testis, Uterus

**Synonyms** A-9, A9 (MGI:102620), A9 (MGI:102620), A9 (MGI:102620), AG 9, GM00346, GM-346, GM-346, GM346, GM00346B

**Breed/Subspecies** 3, 129/SvEv

**Age** 100 weeks

**Gender** Male, Female

**Morphology** Inbred, High genetic diversity

**Growth properties** High genetic diversity

**Citation** A9 (MGI:102620) (MGI:102620) 305166

**Biosafety level** 1

**NCBI\_TaxID** 10090

**CellosaurusAccession** CVCL\_3984

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**Antigen expression** 2-2

**Tumorigenic** 100% tumorigenic in nude mice

**Culture Medium** DMEM 4.5 g/l glucose 4 mM glutamine 3.7 g/l NaHCO3 1.0 mM sodium pyruvate (82000)

**Supplements** 10% FBS

**Dissociation Reagent** Trypsin

**Subculturing** 1:10 to 1:100 in DMEM + 10% FBS

**Fluid renewal** 2-3 times per week

**Freeze medium** DMEM + 10% FBS + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells in a 37°C water bath.
  2. Add 10 ml of DMEM + 10% FBS to a 100 cm<sup>2</sup> flask.
  3. Add 1 ml of cell suspension to the flask.
  4. Incubate at 37°C in 5% CO<sub>2</sub>.
  5. After 24 hours, replace the medium with fresh DMEM + 10% FBS.
  6. After 48 hours, replace the medium with fresh DMEM + 10% FBS.
  7. After 72 hours, replace the medium with fresh DMEM + 10% FBS.
  8. After 96 hours, replace the medium with fresh DMEM + 10% FBS.

Product sheet

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**Incubation Atmosphere** 37 

**Flask Coating** 

**Freezing Procedure** -78

**Shipping Conditions** -78

**Storage Conditions** -150 -196 

/ / HLA

**Sterility**  (PCR)   
