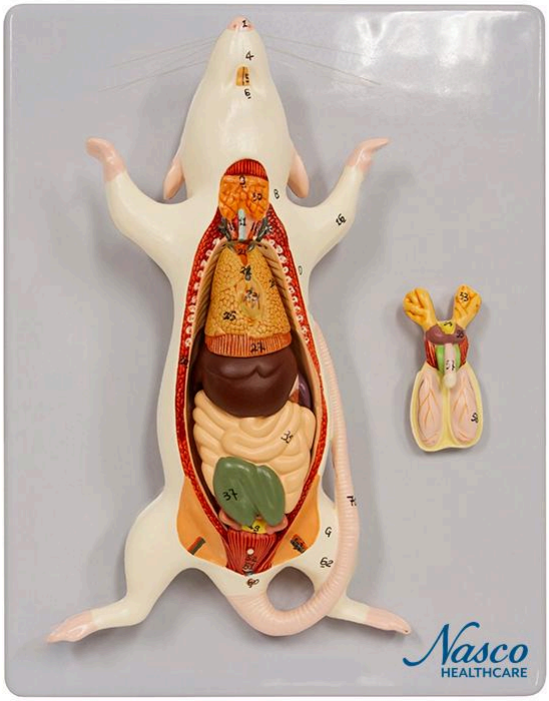
MG20114 | MOUSE ANATOMY, 6 PARTS



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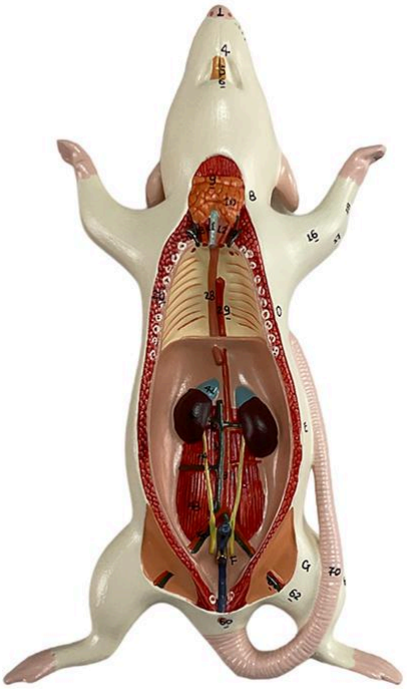

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This life-size anatomical model of a mouse is divided into six parts, allowing for a detailed study of the internal and external anatomy of this rodent. The ventral dissection exposes vital organs, removable for individual examination, offering a didactic tool for teaching and research in zoology and veterinary medicine.

Applications:

* Veterinary medicine;
* Anatomical study;
* Veterinary clinics;
* Examination rooms;
* Waiting rooms;
* Teaching in biology courses and related fields.

Technical Advantages:

* High-fidelity natural molding;
* Manufactured from stable synthetic material and resin, approved in toxicological tests;
* Precise replicas;

* Numbered and hand-painted;
* Includes an information card with related structures;
* Fixed on a polymer base with support;

3D Technology and Augmented Reality:

Our anatomical models offer a visual complement through information cards that activate 3D models viewable in augmented reality (AR). This interactive platform aids learning, allowing for comparative analysis of anatomical structures and offering resources for continuing education in anatomy, physiology, and pathophysiology.

Technical Specifications:

* Scale: Life-size;
* Material: Resin and synthetic material;

Main Structures:

Heart: Muscular organ responsible for blood circulation, composed of four chambers (two atria and two ventricles) and valves that regulate blood flow.

Lungs: Organs responsible for gas exchange (oxygenation of blood and elimination of carbon dioxide), presenting distinct lobes in the right and left lung.

Liver: The largest gland in the body, it performs various metabolic functions, including bile production, detoxification, and glucose storage.

Intestines: Part of the digestive system responsible for the absorption of nutrients from food. Includes the small intestine and the large intestine.

Male Reproductive System: Includes testes (sperm production), epididymis (sperm storage), vas deferens, seminal vesicles, prostate, and penis.

Female Reproductive System: Includes ovaries (egg production), fallopian tubes, uterus, vagina, and vulva.

Other structures can be verified directly on the physical piece or on the interactive 3D model.

About the Anatomical Models:

They are developed with resin replication technology, offering an alternative for teaching and research. They present the main morphological characteristics with a good cost-benefit ratio, adequate resistance, manual painting, and numbering for precise identification of structures.

List of all visible structures:

- nose
- upper lip
- tooth
- lower lip
- mustache
- cheek
- eye
- ear
- head
- salivary gland
- thymus gland
- neck
- trachea
- left common carotid artery
- right common carotid artery
- aortic arch
- pulmonary trunk
- heart
- right lung
- diaphragm
- rib
- upper limb
- elbow
- forearm
- metacarpus
- phalanx
- left lung
- small intestine
- cecum
- urinary bladder
- urethral orifice
- vulva
- anus
- femoral artery and vein
- thigh
- tail

- knee
- lower leg
- testicle and epididymis
- penis
- prostate
- seminal vesicle
- vas deferens
- urinary bladder
- liver