

## CUSTOM MICROSCOPE SLIDE SET

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### CYTOLOGY & GENETICS MICROSCOPE SLIDES

CAT.#	DESCRIPTION	QTY
In238f	Spermatogenesis with meiotic and mitotic stages, sec. of testis of Carausius, grasshopper, carefully stained	
In245f	Giant chromosomes, smear from salivary gland of Chironomus, carefully fixed and stained *	
In2451e	Giant chromosomes in section through the salivary glands of the Chironomus larva	
In246f	Striated muscles of insect, fibres isolated and stained to show the striations w.m.	
In247e	Striated muscles of insect, sections through insect thorax with t.s. and l.s. of muscle showing the striations	
Ma101d	Simple animal cells in sec. of salamander liver showing nuclei, cell membranes and cytoplasm. For general study of the animal cell	
Ma102f	Mitotic stages in sec. through red bone marrow of mammal	
Ma1023f	Mitotic stages in smear of red bone marrow of mammal	
Ma1021h	Mitotic stages in sec. of whitefish blastula showing spindles *	
Ma1033f	Meiotic (maturation) stages in sec. through testis of salamander, selected material showing large structures *	
Ma103f	Meiotic (maturation) stages in testis of mouse, sec. iron hematoxyline stained after Heidenhain	
Ma1031f	Meiotic (maturation) stages in smear from testis of mouse, specially stained after Feulgen *	
Ma104h	Human chromosomes in smear from culture of blood, male *	
Ma1041i	Human chromosomes in smear from culture of blood, female *	
Ma1045f	Barr bodies (human sex chromatin) in smear from female squamous epithelium *	
Ma105f	Mitochondria in thin sec. of kidney or liver, specially prepared and stained	
Ma1055g	Golgi apparatus in sec. of spinal ganglion or other organ *	
Ma1058e	Pigment cells in skin	
Ma1061e	Storage of glycogen in liver cells, sec. stained with carmine after Best or PAS reaction	
Ma1063e	Storage of fat in cells of costal cartilage, sec. stained with Sudan	
Ma1065f	Secretion of fat in mammary gland, section Osmic acid stained	
Ma1067f	Phagocytosis in Kupffer's star cells of the liver, sec. of mammalian liver injected with trypan blue	
Ba2081d	Typical mixed bacteria, including Gram-positive and Gram-negative rods, smear	
Ba210g	Lophotrichous flagella on Spirillum, specially stained *	
Ba212g	Monotrichous flagella on Vibrio or Pseudomonas, spec. stained *	
Ba211g	Peritrichous flagella on Salmonella or Proteus, spec. stained *	
Ba221f	Capsule stain (Klebsiella pneumoniae), smear specially stained	
Ba224g	Nuclear stain (Bacillus cereus), smear specially stained for nuclear material (DNA) *	
Ba225t	Cell division (Bacillus cereus), Feulgen stain *	
Ba229f	Metachromatic granules or polar bodies (Corynebacterium diphtheriae), smear specially stained	
Ba226f	Spore stain (Bacillus subtilis), smear doubly stained with central spores	
Ba228f	Spore stain (Clostridium botulinum), smear doubly stained with subterminal spores	
As112g	Epidermal cells of Allium cepa, specially fixed and stained to show the mitochondria *	
As119g	Mitochondria, thin l.s. of Allium root tips specially fixed and stained to show the mitochondria clearly	
As148d	Chloroplasts, w.m. of leaf of Elodea or Spinacea showing detail of large chloroplasts	
As1481d	Chloroplasts, in sec. of Tradescantia shoot	
As1485c	Chromoplasts, w.m. of petal of Viola (violet)	
As1486c	Chromoplasts, t.s. of root of Daucus carota (carrot)	
As1487c	Chromoplasts, in w.m. of piece of petal from Tropaeolum	
As1488e	Plasmodesmata, in t.s. of palm seed (Phytelephas)	
As111c	Epidermal cells of Allium cepa (onion), flat mount shows typical plant cells with nuclei, cytoplasm and cell walls	

As1125d	Epidermal cells of <i>Allium cepa</i> , w.m. of bulb scale epidermis, unstained preparation special mounted for phase contrast observation
As1127s	Epidermal cells of <i>Allium cepa</i> , plasmolysis, w.m. turgid piece and plasmolized piece of onion epidermis for comparison
As114d	Mitosis, l.s. from <i>Allium</i> root tips showing all stages of plant mitosis carefully stained with iron-hematoxyline after Heidenhain
As1141d	Mitosis, l.s. from <i>Allium</i> root tips showing all stages of plant mitosis carefully stained with a quadruple stain
As1142e	Mitosis, l.s. from <i>Allium</i> root tips showing all stages of plant mitosis, specially stained with fuchsin and fast green
As115d	Mitosis, t.s. from <i>Allium</i> root tips showing all stages of plant mitosis in polar view
As1155g	Mitosis, squash preparation from <i>Allium</i> root tip, shows intact mitotic stages, Feulgen stain *
As1157f	Mitosis, l.s. from <i>Allium</i> root tips showing all stages of plant mitosis stained by Feulgen stain *
As1158g	Mitosis, squash preparation from <i>Allium</i> root tip, shows intact mitotic stages, orceine stained
As1159h	Mitosis, squash preparation from <i>Allium</i> root tip, treated with colchicine for metaphase stages, orceine stained
As116d	Mitosis, l.s. from <i>Vicia faba</i> (bean) root tips showing all mitotic stages
As1165g	Mitosis, squash preparation from <i>Vicia faba</i> root tips, showing intact mitotic stages, Feulgen stain *
As1166e	Mitosis, l.s. from <i>Hyacinthus</i> root tips showing all stages of plant mitosis carefully stained with a quadruple stain. Specially large chromosomes, for demonstration of plant mitosis
As1169g	DNA and RNA, thin l.s. from <i>Allium</i> root tips, specially fixed and stained with methylgreen and pyronine to show DNA and RNA in different colours *
As117f	Meiosis, t.s. of <i>Lilium</i> anthers showing different stages of meiotic divisions
As521e	<i>Lilium</i> , anther t.s., very young with microspore mother cells and tapetal layers
As522e	<i>Lilium</i> , anther t.s., early prophase for general study
As523e	<i>Lilium</i> , anther t.s., late prophase for general study
As5232e	<i>Lilium</i> , anther t.s., microspore mother cells in leptotene
As5233e	<i>Lilium</i> , anther t.s., microspore mother cells in zygotene
As5234e	<i>Lilium</i> , anther t.s., microspore mother cells in pachytene
As5235e	<i>Lilium</i> , anther t.s., microspore mother cells in diplotene
As5236e	<i>Lilium</i> , anther t.s., microspore mother cells in diakinesis
As524f	<i>Lilium</i> , anther t.s., microspore mother cells showing metaphase and anaphase of first (heterotypic) division (meiosis)
As5242f	<i>Lilium</i> , anther t.s., microspore mother cells showing telophase of first and prophase of second (homeotypic) division
As525f	<i>Lilium</i> , anther t.s., microspore mother cells showing metaphase and anaphase of second (homeotypic) division (mitosis)
As526f	<i>Lilium</i> , anther t.s., microspore mother cells in tetrad stage
As5262e	<i>Lilium</i> , anther t.s., uninucleate (haploid) microspores after the separation of the daughter cells
As5264f	<i>Lilium</i> , anther t.s., third division *
As5266e	<i>Lilium</i> , anther t.s., binucleate mature pollen grains at the time of shedding with tube cell and generative cell
As527d	<i>Lilium</i> , anther t.s. for general study showing pollen chambers and pollen grains
As5271d	<i>Lilium</i> , anther l.s. for general study
As541e	<i>Lilium</i> , ovary t.s., very young, showing the developing tissue before the formation of the megaspore mother cell. Abundant mitotic figures can be observed
As5412f	<i>Lilium</i> , ovary t.s., with megaspore mother cell
As542f	<i>Lilium</i> , ovary t.s., showing uninucleate embryosac with megaspore mother cell
As543g	<i>Lilium</i> , ovary t.s., uninucleate embryosac with first (heterotypic) division of megaspore mother cell *
As544h	<i>Lilium</i> , ovary t.s., binucleate embryosac *
As545k	<i>Lilium</i> , ovary t.s., showing second (homeotypic) division with two division figures *
As546h	<i>Lilium</i> , ovary t.s., first four-nucleate stage *
As547h	<i>Lilium</i> , ovary t.s., showing migration of three nuclei to the chalazal end of the embryosac while one nucleus remains in the micropylar end
As5472k	<i>Lilium</i> , ovary t.s., showing third division after the three chalazal nuclei have fused *
As548g	<i>Lilium</i> , ovary t.s., second four-nucleate stage, a vacuole can be seen between the nuclei
As549i	<i>Lilium</i> , ovary t.s., showing fourth division *
As550g	<i>Lilium</i> , ovary t.s., showing the stage of eight-nucleate embryosac for general study, not all nuclei present
As551k	<i>Lilium</i> , ovary t.s., eight-nucleate embryosac showing all the nuclei in one or more serial sections *
As5514k	<i>Lilium</i> , ovary t.s., embryosac showing double fertilization in one or more serial sections *

**(All Fields Required)**

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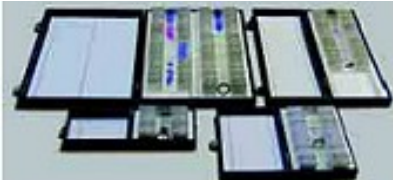
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2. Very strong hardwood cases, first-class workmanship, colourless varnish finish with brass hinges and lock, with numbered retainers to hold the slides, lining of sponged material. This is the most expensive box. As an example, the price of this box to hold 25 microscope slides is \$24.00.



3. Flat display cases constructed from strong cardboard with individual cut outs. As an example, the price of this box to hold 20 microscope slides is \$17.00.



4. Solid, pile up boxes with serrated retainer strips and transparent cover. This is the cheapest box. As an example, the price of this box to hold 25 microscope slides is \$4.50.

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