

PREPARED MICROSCOPE SLIDES

Helpful for orientation are the slides in blue print which are slides of important specimens which are characteristic and representative of the taxonomic group, or of the subject.

Various slides are available only in small number or have a long delivery period, as their material is either rare or causes unusual difficulties in processing. This applies particularly to the slides marked with an asterisk * for which we cannot guarantee delivery.

CYTOLOGY & GENETICS

- 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 Allium cepa, w.m. of bulb scale epidermis, unstained preparation special mounted for phase contrast observation
- As1127s..... Epidermal cells of Allium cepa, plasmolysis, w.m. turgid piece and plasmolized piece of onion epidermis for comparison
- As114d Mitosis, l.s. from Allium root tips showing all stages of plant mitosis carefully stained with iron-hematoxyline after Heidenhain

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

There are three different types of storage boxes. Standard boxes, Special Type-boxes, Flat Display Cases.
Prices on these will be supplied once you have made your selection.