

# Fundus of stomach (specimen)

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## Fundus of stomach B17

### Overview

### Preparát 1

Soubor:Žaludek fundus.jpg

Name: Fundus of stomach 50x HE

Description: The wall of stomach is made of 4 layers: lamina mucosa, (lamina submucosa), svalovinnou (lamina muscularis externa) and lamina serosa (peritoneum). In this picture, lamina serosa is absent.

### Specimen nr. 2

Soubor:Žaludek fundus 2.jpg

Name: Fundus of stomach PAS

Description: the inner surface of stomach (tunica mucosa) consists of simple cylindrical epithelium, which produces mucin. These cells also line gastric pits. Mucin is colored purple in this specimen. Beneath the gastric pits (foveolae gastricae) are gastric glands, which secrete into the pits.

### Preparát 3

Soubor:Žaludek fundus 3.jpg

Name: Fundus of stomach - glandulae gastricae propriae

Description: Gastric glands (glandulae gastricae propriae) contain chief cells producing pepsinogen, parietal cells producing HCl and intrinsic factor (for producing B12 vitamin). Chief cells are basophilic (blue), parietal cells red and triangular in shape. Another cells, which are not visible here, are enteroendocrine and stem cells. At the base of the gland we can see mucinous cells.

## Epitheliums

Muscular artery (specimen) Kidney (specimen) Thyroid gland (specimen) Colon (specimen) Tuba uterina (specimen) Bronchus (specimen) Urinary bladder (specimen) Skin of the stomach (specimen) Esophagus (specimen) Vagina (specimen) Lungs (specimen) Small intestine (specimen) Pancreas (specimen) Parotis (specimen) Submandibularis (specimen) Mamma lactans (specimen) Mamma nonlactans (specimen) Stomach fundus (specimen) Adrenal glands (specimen)

## References

Modul Buněčné základy medicíny (3. LF)

### Studijní materiály k preparátu

Kategorie:Histologie Kategorie:Galerie preparátů Kategorie:Histologické preparáty