**Fig. 1.** Scheme of the experiment

Human chorionic gonadotropin (hCG) initial concentration of total hCG was 30.175 mIU per mL

- **saccharose**
- **mannitol**
- **lysine**
- **methionine**
- **glycine**

- Incubation in the thermostat at the temperature of 40°C during 8 weeks
- Determining the activity of hormone every two weeks for two months by immuno-electrochemiluminescent methods

**Fig. 2.** Dynamics of gonadotropin activity with addition of saccharose and mannitol to the solvent

**Fig. 3.** Dynamics of gonadotropin activity with the addition of aminoacids to the solvent