Table 2. **Concentrations of hormones in blood serum of studied groups**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Parameters | Groups | Day of start of stimulation | 6th day of stimulation | Day of trigger | Day of transvaginal ultrasound-guided oocyte  retrieval |
| FSH, IU/I | I | 10,07±3,73 |  |  | 14,48±3,7 |
| IIа | 8,85±2,82 |  |  | 15,05±4,4 |
| IIb | 9,48±4,28 |  |  | 12,11±3,6 |
| LH, IU/I | I | 2,73±3,29 | 4,09±3,56 | 3,48±2,82 | 3,46±3,4 |
| IIа | 3,13±3,82 | 2,66±1,85 | 2,01±2,32 | 2,96±3,6 |
| IIb | 5,79±7,16 | 3,09±4,14 | 1,9±3,89 | 3,96±3,7 |
| Estradiol, pg/ml | I | 92,2±20,4 | 2357,4±1389,4 | 4630,17±2469,52 | 1600,54±858,53 |
| IIа | 87,8±18,1 | 1944,5±1330,6 | 3670,97±2896 | 1362,92±770,45 |
| IIb | 384,27±334,44 | 2095,4±1158,5 | 3697,73±2231,34 | 1234,96±952,79 |
| Progesterone, IU/l | I | 0,9±1,67 | 2,22±1,3 | 3,49±3,62 | 17,75±12,35 |
| IIа | 4,88±3,06 | 3,14±1,6 **##(*p*<0,001)** | 3,83±4,9 | 16,7±12,5 |
| IIb | 16,7±13,27  **#(*p*<0,001)** | 10,66±13,4  **###(*p*<0,001)** | 5,65±4,58 | 15,6±12,9 |

*Note:* #*p* – value is statistically significant when comparing I and IIb group; ##*p* – value is statistically significant when comparing IIa and IIb group;

###*p* – value is statistically significant when comparing I and IIb group.