**Table3. Detection of transgene fragments in stool samples by TaqMan qPCR and SYBR Green qPCR.**

Transgene fragments were detected in all samples in TaqMan qPCR. IV is intravenous injection, IM is intramuscular injection, and IP is intraperitoneal injection of hEPO coding naked plasmid. \*\*: p < 0.01 vs Pre in each group. \*: p < 0.05 vs Pre in each group.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Method** | **Group** | **Copy/μL of Transgene** | | | | |
| **pre** | **6h** | **12h** | **24h** | **48h** |
| **Taqman qPCR** | **IV** | 0 | 30.0±11.4\*\* | 85.4±39\*\* | 967.5±388.3\*\* | 10.0±1.4\*\* |
| **IM** | 0 | 15.1±4.9\*\* | 85.8±30.8\*\* | 913.9±263\*\* | 43.2±12.2\*\* |
| **IP** | 0 | 1809.6\*\*  ±1587.9 | 180.8±148.1\*\* | 0 | 0 |
| **SYBR qPCR** | **IV** | 426.9±159.8 | 65.4±16.6 | 111.2±18.3 | 239.9±62.5 | 34±5.4 |
| **IM** | 762.4±239.3 | 44±5.7 | 117.7±23.6 | 263.8±56.1 | 46.1±7.1 |
| **IP** | 885.1±403.6 | 1111.6  ±965.2 | 103.8±35 | 110.1±10.2 | 51.6±8.4 |