5-day POST-THAW – ALL 8 PLATES

**Two-Sample T-Test and CI: Survival, Treatment**

**Method**

|  |
| --- |
| μ₁: population mean of Survival when Treatment = LDH1 |
| µ₂: population mean of Survival when Treatment = Uncontrolled |
| Difference: μ₁ - µ₂ |

*Equal variances are not assumed for this analysis.*

**Descriptive Statistics: Survival**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Treatment** | **N** | **Mean** | **StDev** | **SE Mean** |
| LDH1 | 8 | 80.55 | 7.23 | 2.6 |
| Uncontrolled | 8 | 53.1 | 12.8 | 4.5 |

**Estimation for Difference**

|  |  |
| --- | --- |
| **Difference** | **95% CI for Difference** |
| 27.41 | (15.94, 38.87) |

**Test**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Null hypothesis | | | H₀: μ₁ - µ₂ = 0 | |
| Alternative hypothesis | | | H₁: μ₁ - µ₂ ≠ 0 | |
| **T-Value** | **DF** | **P-Value** | |
| 5.26 | 11 | 0.000 | |