**Technical Terms:**

1. Overview of Service

|  |  |
| --- | --- |
| Species Name | *VAR\_SPECIES* |
| Sample Type | RNA Sample |
| Sample Number | SAM\_NUM\_1 |
| Library Type | 250~300 bp insert VAR\_LIBRARY\_TYPE library |
| Bioinformatics | VAR\_ALY |
| Turnaround Time | VAR\_TAT working days starting after we receive the library preparation confirmation from client |

1. Sample Requirements

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sample Type | Remarks | Amount | Volume | RIN | Concentration | Purity |
| Total RNA sample | Strongly Recommended | ≥2 μg | ≥50μL | ≥VAR\_RIN | ≥20ng/μL | OD260/280>2.0  No degradation or DNA contamination |
| Required | ≥1 μg | ≥20μL | ≥VAR\_RIN |
| Animal Fresh Tissue | Strongly Recommended | ≥600 mg | - | - | - | - |
| Required | ≥300 mg |
| Plant Fresh Tissue | Strongly Recommended | ≥1 g | - | - | - | - |
| Required | ≥500 mg |
| Cells | Strongly Recommended | ≥1×107 | - | - | - | - |
| Required | ≥5×106 |