**Technical Terms:**

1. Overview of Service

|  |  |
| --- | --- |
| Species Name | Microorganism from different environment |
| Sample Type | Purified genomic DNA Sample from fresh tissues |
| Sample Number | SAM\_NUM\_1 |
| Library Type | 350 bp insert DNA library |
| Bioinformatics | VAR\_ALY |
| Turnaround Time | VAR\_TAT business days upon next day after the library preparation confirmation from client |

1. Sample Requirements

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sample Type | Remarks | Amount | Volume | Concentration | Purity |
| Genomic DNA | Required | ≥300 ng | ≥20 μL | ≥5 ng/μL | OD260/280=1.8-2.0,  No degradation or RNA contamination |
| Solid | Required | ≥1 g | - | - | - |
| Stools | Required | 1 g | - | - | - |
| Water filters | Required | 2 Slides | - | - | - |
| Rumen | Required | 2 mL | - | - | - |

Note:

1. Detailed requirements can be referred to the Sample Information Form (SIF).
2. Samples not meeting Novogene’s specifications can be designated by the customers as to be processed “at risk” and will be subjected to billing regardless of data quality. The turnaround time could be extend depending on circumstance.
3. The above-mentioned sample requirement is for post-QC samples. Please send us excess samples to account for nucleic acid used for QC experiments.
4. If the customer chooses to opt out certain procedures in Novogene standard QC pipeline, the samples will be graded as “Hold” or “Fail”.
5. Special samples will be subjected to different QC standards as appeared on the final QC report sent by Novogene.