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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Poly-A Controls   |  |  | | --- | --- | | (*B. subtilis*) | Final Concentration in Samples | | *lys* | 1: 100,000 | | *phe* | 1: 50,000 | | *thr* | 1: 25,000 | | *dap* | 1: 7,500 |   \*2µL 10^7 dilution every 1000 cells | Add spike RNA  RNA stock from the kit (Affymetrix Cat.), it has16µl, add 144 dilution buffer to make 160µl 1:10 dilution.  Take 7µl 1:10dilution buffer  1) 7µl 1:10 dilution    🡨 Add 63µl dilution buffer      2) 70µl 1:10^2 dilution    🡨 Take out 10, add 90      3) 100µl 1:10^3 dilution    🡨 Take out 10, add 90      4) 100µl 1:10^4 dilution    🡨 Take out 10, add 90      5) 100µl 1:10^5 dilution    🡨 Take out 10, add 90      6) 100µl 1:10^6 dilution    🡨 Take out 10, add 90      7) 100µl 1:10^7 dilution  Freeze aliquot of 10^7 dilution every 10µL, thaw vials each time.  Add 2µL 10^7 dilution every 1000 cells. |