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30-927564627

## Confidential Quotation

<b>Client:</b> John Santiago BROWN UNIVERSITY  60 Olive St, Sidney Frank Hall 373 Providence, Rhode Island 02912 United States +1-4018637365 <a href="mailto:john_santiago@brown.edu">john_santiago@brown.edu</a>	<b>Tracking Number:</b> 30-927564627 <b>Revision Number:</b> R7 <b>Order Name:</b> A4V body sections Quotation Effective Date: 14/Sep/2023 Quotation Expiration Date: 14/Dec/2023 Payment Term: NET 30 Shipment: Prepaid and Add  <b>Contact:</b> <a href="mailto:NGS@azenta.com">NGS@azenta.com</a> +1-877-(436-3949) ex 1 Account Manager: Ann Robinson Account Manager Email: <a href="mailto:ann.robinson@azenta.com">ann.robinson@azenta.com</a>
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### I. Estimated Price

Service	Unit cost	Quantity	Subtotal
RNA extraction, bundled	\$25.00	90	\$2,250.00
Library preparation, Illumina, RNA with PolyA selection, with ERCC spike-in, 20M reads per sample, data delivery via sFTP	\$140.00	90	\$12,600.00
Promotion total discount item(NGS23-RNA140)	\$0.00	1	\$0.00
<b>Estimated Total for Project :</b>			<b>\$14,850.00</b>
<b>Estimated Price Per Sample :</b>			<b>\$165.00</b>

\*For samples too low in concentration, Azenta/GENEWIZ reserves the right to remove ERCC spike -in from the library preparation as per the manufacture guidelines. Please contact [NGS@azenta.com](mailto:NGS@azenta.com) if you would like to discuss further.

### II. Service Description and Turnaround time

Service Type	Standard RNA-Seq
Species	<i>Drosophila melanogaster</i>
Sample Type	Frozen Tissues
Sample Number	90 sample(s)
Sequencing Configuration	Illumina, 2x150bp, ~350M PE reads (~105GB), single index, per lane
Estimated Data Output	~350M raw paired-end reads per lane
Phi-X Spike-in	n/a
Quality Guarantee	≥80% of bases ≥Q30
Deliverables	Raw data in FASTQ format
Level of Service	Research Use Only
Special Comments	n/a
<b>Value Package Includes:</b>	

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<b>Estimated Turnaround Time</b>	Total 28-32 business days
Additional Benefits	Updates at completed project milestones (Extraction, QC, Library Preparation, Sequencing, and Data Analysis, if applicable)

To update your service level package, please visit your online account and request a quote revision.*	
Preferred Package	Total 20-27 business days (guaranteed)
Express Package	Total 13-20 business days (guaranteed)
Lightning Package	Total 13-15 business days (guaranteed)
Need faster than Lightning Package?	Please contact us!

\*If you have any questions, please contact us at [NGS@azenta.com](mailto:NGS@azenta.com). More ways to contact us can be found [here](#).

### III. How to Start Your Order

- Provide valid Purchase Order or charging instructions (checkout through your online Azenta/GENEWIZ account, email [NGS@azenta.com](mailto:NGS@azenta.com), or call 908-222-0711; ext. 1);
- Provide online sample submission form in your Azenta/GENEWIZ account;
- 90 frozen tissue samples meeting requirements below.

### IV. Sample Requirements

Sample Type	Remarks	Quantity
Fresh frozen tissue, on dry ice	Recommended	≥30mg
	Required	≥2mg

Please see [our website](#) for other starting material types.

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## V. Notes

1. Aim: RNA sequencing of 90 frozen tissue samples from *Drosophila melanogaster*.
2. Sequencing recommendations provided by Azenta/GENEWIZ are based on the client's project goals, typical machine outputs and multiplexing variability. Azenta/GENEWIZ does not guarantee average coverage or on-target specificity for each sample.
3. All kits, reagents, analysis pipelines, etc. are routinely updated to remain best-in-class. Please proactively contact Azenta/GENEWIZ if you'd like historical versions, which may be available on a case-by-case basis.
4. Multiplexing is performed to the best of Azenta/GENEWIZ's ability to ensure relatively even data distribution amongst samples, but even data distribution is not guaranteed.
5. Extractions are performed to the best of Azenta/GENEWIZ's ability and the Client will be charged for work performed regardless of outcome. For extractions, the produced material is related to the services indicated in this quotation. If not specified prior to confirming this quote, Azenta/GENEWIZ assumes this extracted material is only for the services listed in this quote and cannot guarantee its use for future downstream applications.
6. Sequencing yield guarantee only applies to libraries prepared by Azenta/GENEWIZ. Initial sample QC may involve, but is not limited to, the following:
  - Assessing RNA integrity by Agilent Tapestation and concentration by Qubit assay
  - Assessing library size on the Agilent Tapestation, concentration by Qubit assay, and final quantitation by qPCR
7. If samples do not meet our criteria for RIN value, Azenta/GENEWIZ cannot guarantee results. This includes, but is not limited to: rRNA content, PCR duplicates, and overall mapping rates.
8. Initial sample QC is performed free of charge for samples that are expected to move forward with sequencing. Azenta/GENEWIZ allows one free repeat of initial sample QC with said samples. Any additional repeats can be accepted for a nominal fee. For samples that do not pass QC, Azenta/GENEWIZ cannot guarantee results. However, Azenta/GENEWIZ has great experience working with less than ideal samples.
9. As a measure of good faith and to the best of their ability, Azenta/GENEWIZ offers sample storage for up to 3 months following project completion. Sample storage and subsequent sample return (if applicable) is not guaranteed.
10. Azenta/GENEWIZ offers free raw FASTQ data storage for up to 6 months. Azenta/GENEWIZ reserves the right to remove said data after 6 months without any notice. Please contact us for further storage options.
11. For projects that are quoted on the Illumina platforms, Azenta/GENEWIZ reserves the right to choose between equivalent platforms (e.g. Illumina MiSeq, HiSeq or NovaSeq). Azenta/GENEWIZ will keep the platforms consistent between projects at their best effort, but does not guarantee unless clarified prior to project initiation.
12. Estimated turnaround time is based on first-pass processing. If repeat processing is needed, estimated turnaround time is subject to increase.
13. If any issues with the project or samples warrant further alignment with the Client after project initiation, the resulted cumulative time during communication shall not be counted towards the originally estimated turnaround time. Azenta/GENEWIZ reserves the right to reassess the turnaround time based on the communications and modifications (if applicable) of project scope. For example, additional processing time may be added to the turnaround if samples require re-accessioning due to discrepancies on arrival (including, but not limited to sample labeling, sample number, etc)
14. For projects with extraction, Azenta/GENEWIZ reserves the right to combine multiple vials per sample, at our discretion, to proceed with downstream extraction.

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## VI. General Terms and Conditions

This quotation is exclusive of any applicable customs duties. Applicable taxes and freight in this quotation are estimated. Any order issued in response to this quotation is governed solely by the below referenced terms and conditions or, where applicable, a contract signed by Azenta/GENEWIZ and the customer. No other terms are accepted by Azenta/GENEWIZ.

\*This quotation may be revoked at any time until Azenta/GENEWIZ has provided a sales order confirmation.

Terms and conditions can be found at: <https://www.genewiz.com/en/Public/Company/Policies/Terms-Conditions>

Name: John Santiago

Date: 9/15/23

Signature: John C. Santiago

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