

Shipping DNA to abm for NGS Services

US customers, we advise shipment on **Monday or Tuesday**. This is for delivery within the work week and to prevent the shipment from being held in customs over the weekend.

Outside of North America, only ship on **Friday**. This is for delivery within the work week and to prevent the shipment from being held in customs over the weekend.

Canadian customers can ship on **Monday to Wednesday**.

DO NOT SHIP UNTIL YOU HAVE AN ORDER NUMBER

Please place an order first prior to submitting your samples. All samples received must have the order confirmation number indicated. Any samples received without this piece of information will be disposed off immediately upon receipt to ensure that all customer information is held in strict confidence.

Once the shipment has been arranged, please inform our order support team of the tracking number by email, at order@abmgood.com.

For Genomic DNA samples: (Whole Genome-Seq, Exome-Seq, Amplicon-Seq, etc.) Your genomic DNA samples must conform to the below requirements:

- The total amount of DNA required depends on the specific application, please refer to the Sample Requirements table below for general guidance.
- DNA samples are required to have an OD A260/A280 ratio ≥ 1.8 and A260/230 ≥ 1.9
- Your template must be non-degraded and unamplified
- Your sample(s) must undergo RNase treatment to remove any residual contaminating RNA
- Avoid repeated freeze thawing and store in nuclease-free centrifuge tubes in Tris-HCl buffer (pH 8.0) at 4°C (for long term storage please store at -20°C).

- Ship samples on blue ice packs to keep samples cold during transport
- Please declare the shipment as 'samples' with a customs value of \$10.00. **Add ice packs/gel packs** to the shipment and ensure an international priority service is used. Ideally, transit time should be 3-5 business days.
- Please ensure a hard copy of all necessary documents are provided with the shipment: Please include the order confirmation, any required QC data, and a signed [sample submission form](#) in the shipment, together with your samples
- Please ensure your samples are shipped as securely as possible, taped down or secured in a rack and padded inside a protective box to avoid damage and/or any cross contamination of your samples.
- Label your samples adequately (we advise using adhesive labels over writing directly on the tubes).

Submitting Cells:

You can submit raw materials to us instead of gDNA. Fresh tissues and cell pellets should be flash frozen immediately after harvest. If you have any other questions, please contact the supplier of your particular tissues or cells for specific instructions.

Please ship to:

Attn: Receiving (Order XXXXX)

Applied Biological Materials

1 - 3671 Viking Way

Richmond, BC, Canada

V6V 2J5

Service	Cat no.	Template type	Sample requirements	Storage Solution	Special Notes
Whole Genome Sequencing	IWxxxxx	Genomic DNA	100-500 ng for small genomes (<300 Mbp); 1-2 ug for large genomes	10 mM Tris-HCl pH 8.0 or nuclease free H ₂ O	Ship on blue ice packs, template should undergo RNase A treatment prior to submission to remove contaminating RNA
Exome Sequencing	IExxxxx		500 ng (ideal), 100 ng (minimum)		
Amplicon-Seq, 16S rDNA-Seq, CRISPR-Cas9-Seq	IAxxxxx		500 ng (ideal), 100 ng (minimum)		
Mate-Pair Sequencing	IWxxxxx		2-5 ug (minimum)		
Genome Methylation Sequencing	IWxxxxx		1-2 ug (minimum)		
Target Gene Sequencing	IWxxxxx		5 ug (500 ng/ul)		
Epigenetic Profiling	IM61000		15 ug (>0.5 ug/ul)		
Disease panel and pathway genes	IDxxxxx		100 ng		
shRNA Deconvolution Screening	Custom	Illumina compatible DNA Amplicons	500 ng		

Disclaimer: Please consult your institution's official safety officer to confirm that all necessary regulations are met for shipping nucleic acid samples. The information provided in this user guide is a recommendation only and is subject to change. Applied Biological Materials Inc. does not take any responsibility for samples that fail to reach us or get delayed in customs. We will do our best to update these guidelines as and when necessary.

Commercial Invoice can be found on the next page. Please fill out all of the yellow boxes. Print 3 copies and include in the waybill pouch

Commercial Invoice						
Shipper :		Date		Order Number		
Shipper's Address:		Export Reference (i.e. AWB#) Tracking Number				
Shipper's Telephone Number:		Shipment Purpose: Samples				
Country:		Total Gross Weight in Kilos				
		Port of Lading: CANADA				
Recipient Name: ABM-Receiving		Exporting Carrier:				
Address: 1 – 3671 Viking Way Richmond, BC CANADA V6V 2J5		Other Transportation Information				
Telephone Number: 604-247-2416						
Country: Canada	Country of Manufacture: USA				Total Number of Boxes: 1	
Complete and Accurate Commodity Description	HTS Code	Quantity	Unit of Measure	Unit Price	Total Price	
Life Science Research Sample Non-Hazardous, Non-Toxic, Non-Infectious	3822005090				\$10.00	
I/We hereby certify that the information on this invoice is true and correct and that the contents of this shipment are as stated above. I/We do hereby authorize FedEx Express to execute any additional documents necessary for the export of merchandise described herein on my/our behalf.		Freight Cost			\$ 0	
		Other Costs (Wire Transfer fees)			\$ 0.00	
		Total Invoice Value			\$10.00	
		CURRENCY USED (CAD,USD,EUR,etc..)			USD	
		These commodities, technology, or software were exported from USA for ultimate destination Canada in accordance with export administration regulations. Diversion contrary to Canadian law is prohibited.				
Signature		Date				

Waybill Instructions

1) Sender Information
 Sender's Name: Eva D'Abate
 Phone: 214-555-1496
 Company: Specialties, Inc.
 Address: 249 Malout Lane
 City: Dallas, TX
 Country: USA

2) Recipient Information
 Recipient's Name: Tim Roth
 Phone: 293-555-2099
 Company: The Fuller Company
 Address: 42 Wellington Court
 City: Brighton B.D., Crawley, West Sussex
 Country: United Kingdom

3) Shipment Information

Quantity	Commodity Description	Net Weight	Net Value	Country of Origin	Value for Customs
1	1-men's knitted sweaters, 100% cotton	6110.20	USA	\$100	
1	1-men's knitted sweaters, 100% cashmere	6110.12	USA	\$600	

4) Express Package Service
 FedEx Int. Priority
 FedEx Int. Economy

5) Express Freight Service
 FedEx Int. Priority Freight
 FedEx Int. Economy Freight

6) Packaging
 FedEx Envelope
 FedEx Box
 FedEx Tube Box

7) Payment
 Bill to Shipper
 Cash on Delivery
 Collect on Delivery

8) Your Internal Billing Reference
 PO-71569

9) Required Signature
 Signature: [Handwritten Signature]

10) Date
 Date: 12/12/08

1) Sender Information

Enter your shipping information. This includes the address you are shipping from, your name, your phone number and your FedEx account number (if applicable). If you do not have an account you can pay via credit card and put the card info in section 7.

2) Recipient Information

Name: Order#XXXXX
 Phone: 604-247-2416
 Company: Applied Biological Materials, Inc.
 Address: 1 - 3671 Viking Way
 City: Richmond
 State/Province: BC
 Country: CANADA
 Postal/ZIP Code: V6V 2J5

3) Shipment Information

- **Total Packages:** 1
- **Total Weight:** Total Shipment Weight
- **Dimensions:** Can Leave Blank
- **Commodity Description:** Life Science Research Samples, Non-toxic, Non-hazardous, Not for Animal/Human Use
- **Harmonized Code:** 3822005090
- **Value for Customs:** \$10USD
- **Total Value for Customs:** \$10USD
- **Total Declared Value for Carriage:** \$0 (Unless you want to add insurance to your shipping charges)
- **U.S. Export Section.** Indicate the specific government regulation that exempts your shipment from the Electronic Export Information filing requirement, or indicate your AES Proof of Filing citation.

4) Service

Select FedEx International Priority

5) Packaging

Select 'Other' and write in 'BOX'

6) Special Handling

Leave blank

7) Payment

Select 'Sender' and if you did not enter your FedEx account number in section 1, input your payment credit card information here

8) Internal Billing Information

To help with your records, FedEx will print the first 24 characters of this code on your invoice.

9) Required Signature

Sign under "Required Signature," to certify that your shipment does not require a U.S. State Department license or U.S. Drug Enforcement Administration (DEA) export permit.