

## JHCEHSHS STUDENT TECHNOLOGY FEE REQUEST FORM

Procedure for Submission:

Form Updated: 1/19/12

1. Submitter must obtain all required information from the desired vendor(s). An official quote from the vendor must be attached.
2. Only one request per Request Form. This request must be reviewed, approved, and submitted by the requesting program's Department Chair.
3. The Dept. Chair may email this request to the Tech Fee Director. *(Since some departments will have multiple requests, please rename request in the following format ABC\_Request\_# where "ABC" is your department and "#" is the numbering of your request)*

Dept. making request:	Kinesiology		Requesting Faculty:	Frank Pizza
Date submitted:	2-1-2012		Requested purchase date:	April 2012

**IMPORTANT: Attach an official quote from the vendor.**

**List one item OR group (for use as a "package") per page.**

Item Name and Description	Vendor info. (name, address, Web site URL, phone #, email, etc.)	Part or Model #	Cost (each)	Quantity	Total
Gel Electrophoresis System	Fisher Scientific	See attached Quote	See itemized quote	1	<b>3,261.94</b>
<b>Course(s) where item(s) will be used</b>	KINE 4/5560, KINE4870, KINE4910, KINE6/8560, KINE6/8550, KINE6960, KINE8960	<b>Required for accreditation?</b>	NA	<b># Students Impacted per Year</b>	20
<b>Location equipment of software will be used</b>	HH 1416 and HH 1415				

**Impact on student learning:**

Undergraduate and graduate students in the Dept of Kinesiology receive hands-on training on how to decipher complex responses and adaptations that occur in skeletal muscle after exercise. An important component of their training is to learn how to perform gel electrophoresis. This laboratory technique affords students the opportunity to determine if a particular protein in skeletal muscle changes after exercise. Several undergraduate students and all graduate students working with Dr. Pizza and/or Dr. McLoughlin use this technique in their projects. Funds are needed to replace broken parts on an existing gel electrophoresis system that was purchased using non-technology fee funds and to purchase a new complete system. A new system is needed to accommodate the increased number of students who want to learn the technique and use it in their research.

- ***Equipment/Technology purchased with Tech Fee funds is for student use only. It cannot be filtered or "passed-down" to faculty or staff.***
- All outdated or broken Tech Fee equipment/technology must be returned to the Tech Fee Committee for retirement or disposal.

- If you are submitting a request for computers, printers, scanners or software, you must consult with College Computing and the technology staff, to acquire a quote and to make sure that this equipment/software is supported by UT.
- For software, please note below if you are requesting it as a one-time expense or as an on-going fixed expense.

# Sales Quotation

Quote Nbr	Creation Date	Due Date	Page
2025-6551-23	01/25/2012		1 of 2
Payment Terms		Delivery Terms	
NET 30 DAYS		DST	
Valid To		Prepared By	
02/24/2012		LAPORTE, GARY	
Customer Reference		Sales Representative	
QUOTE/PIZZA		GARY J. LAPORTE	
To place an order	Ph: 800-766-7000	Fx: 800-926-1166	
Submitted To:		Customer Account: <b>832700-002</b>	
FRANK PIZZA FRANCIS.PIZZA@UTOLEDO.EDU  419-530-4178		UNIVERSITY OF TOLEDO 1615 N WESTWOOD AVE TOLEDO OH 43607-1200	



Part of Thermo Fisher Scientific


FISHER SCIENTIFIC COMPANY LLC  
4500 TURNBERRY DRIVE  
HANOVER PARK IL 60133-5491

**PLEASE REFER TO THE QUOTE NUMBER ON ALL CORRESPONDENCE**

THANK YOU FOR YOUR INTEREST IN FISHER SCIENTIFIC COMPANY LLC

FOR COMPLETE TERMS AND CONDITIONS VISIT OUR WEBSITE AT

[www.fishersci.com/salesterms](http://www.fishersci.com/salesterms)

Nbr	Qty	UN	Catalog Number	Description	Unit Price	Extended Price
1	3	EA	NC9877369	BLOCKING BUFFER 500ML Blocking Buffer (500mL), It is Odyssey Reagents (proteins), Dye-labeled antibody products are for fluorescent Western blot detection with the Odyssey Infrared Imaging System Vendor Catalog # 927-40000	157.19	471.57
2	1	EA	03 500 108	MINIVE COMPLETE Vendor Catalog # SE300-10A-1.0 This item is being sold as 1 per each	756.04	756.04
3	2	EA	IPFL00010	IMMOBILON-FL MEMBRANE 3.75M RL  Membrane, Transfer; Millipore; Immobilon FL; PVDF; Low fluorescence membrane designed specifically for use with fluorescent detection systems in western blotting applications; 1 Roll; Size: 26.5cm x 3.75m; Pore size: 0.45µm Vendor Catalog # IPFL00010 This item is being sold as 1 per each	383.33	766.66
4	1	EA	45 000 465	EPS 301 POWER SUPPLY Power Supply, Electrophoresis; GE Healthcare EPS 301; 300V, 400 mA, 80 W max.; Modes: Constant voltage, current, power; Single-unit increments; Stores/recalls 3 protocols; Suitable for submarine, mini-vertical, and standard vertical gel electrophoresis as well as semidry and mini-tank blotting applications Vendor Catalog # 18-1130-01 This item is being sold as 1 per each	601.69	601.69

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Part of Thermo Fisher Scientific

Quote Nbr	Customer Reference	Page
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Nbr	Qty	UN	Catalog Number	Description	Unit Price	Extended Price
5	2	EA	03 500 494	RK MINIVE UBC ASSY Vendor Catalog # SE309 This item is being sold as 1 per each Original Catalog Number SE309 COMMENTS: HOEFER PART SE309	174.29	348.58
6	4	EA	03 500 495	RK MINIVE CLAMP ASSY (1) Vendor Catalog # SE310 This item is being sold as 1 per each Original Catalog Number SE310	19.37	77.48
7	2	EA	03 500 497	RK MINIVE SEALING PLATE ASSY Vendor Catalog # SE312 This item is being sold as 1 per each Original Catalog Number SE312	35.07	70.14
8	1	EA	03 500 182	RECT. GLASS PLATES 10X10CM Vendor Catalog # SE262P-5 This item is being sold as 1 per each Original Catalog Number SE262P5	47.04	47.04
9	1	EA	03 500 180	NOTCHD GLASS PLATS 10X10CM (5) Vendor Catalog # SE262GN-5 This item is being sold as 1 per each Original Catalog Number SE262GN5	122.74	122.74
<b>MERCHANDISE TOTAL</b>						<b>3,261.94</b>

**NOTES:**

Returns are subject to manufacturer terms and conditions.

We now offer highly competitive financing with low monthly payments. Please contact your local sales representative for more information.

Tell us about your recent customer service experience by completing a short survey. This should take no longer than three minutes. Enter the link into your browser and enter the passcode: USA-PGH-CS2

<http://survey.medallia.com/fishersci>