

Report #2, May 2013

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This report belongs to _____

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In This Report:

Scientists were surveyed and asked...

Rate your feelings about the brand of [50 mL conical tubes / 200 μ L pipette tips] that you use. They make me _____.

1
Extremely Unhappy
(Frequent problems)

2

3

4

5
Extremely Happy
(Never a problem)

Overall 50 mL
Conical Tube Rating

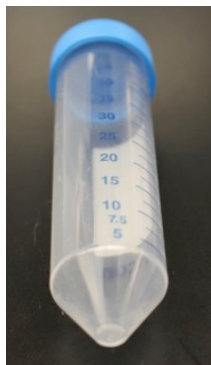
4.36

Overall 200 μ L
Pipette Tip Rating

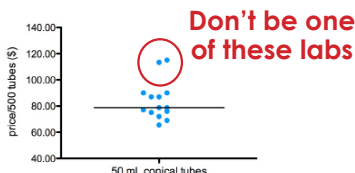
4.20

What is a fair price to pay for these items? Keep reading...

Is your lab **PAYING** too much for **Conical Tubes**?



13 labs shared their pricing information for conical tubes. Make sure your lab is paying a price close to the median (represented by the line in the graph). If you want help negotiating with a company or sales rep, contact us at hello@happilabs.org.



50 mL TUBES
\$78.77
Per 500

Median Price

15 mL Tubes

Per 500

\$70.20

What are the **QUALITIES** of a good Conical Tube?

Based on reviews from the HL community, the ideal conical tube has easy-to-read graduations, is durable when freezing or spinning, and has an easy-to-open lid that doesn't leak. To avoid failed experiments, check your brand for:

- RNase/DNase-free Certification. Not all companies are certified
- Compatibility with your centrifuge
- Maximum spin rate

Scientists in the HL Community reviewed their conical tubes. Among brands with at least 3 reviews, BD is the highest rated, Denville is #2. The reviews below are verbatim and anonymous to protect the privacy of our scientists.

MOST USEFUL BD FALCON REVIEWS - FOR PRODUCT #352070

RATING

These tubes are reliable, but more important to my research, they perfectly fit the BD Falcon Cell Strainers (40 micron for example), unlike the Corning 50ml tubes which do not fit the strainer inside (results in spillage of solution being filtered).

5

They do not crack or bulge after repeated freeze/thaw/spins.

5

It comes as standard tube with holder etc...we accidently ordered other brand and those never fit in to the centrifuge..as they were lil more in diameter...

5

BD tubes have never failed me, the graduations are on the sides have been pretty precise, and their threads on the top feel very secure.

4

Easy to open and close with one hand and lid is secure. good for pelleting bacteria for DNA or small protein preps as long as you pay attention to how fast the tubes can spin.

4

Should be certified to be RNase/DNase free.

3

BD 50 mL Conical Tube Overall Rating

4.5

out of 8 reviews

MOST USEFUL DENVILLE REVIEW - FOR PRODUCT #C1060-P

RATING

Nothing really special about the tube itself. However, compared to some crappy ones, that have extremely slippery sides, they are easy to grip.

5

Denville 50 mL Conical Tube Overall Rating

4.33

out of 3 reviews

Is your lab **PAYING** too much for **PIPETTE TIPS**?

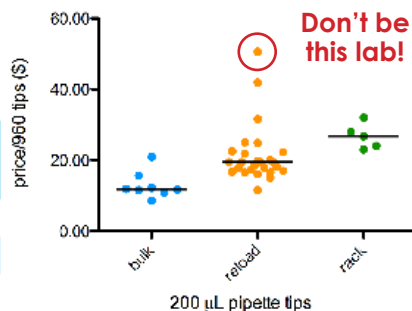


34 labs shared their pricing for pipette tips. Pricing varies based on packaging:

- Bulk - in a bag, which must be loaded into a box by hand
- Reload - pre-filled cards that easily load into boxes
- Racked - already loaded into the pipette tip box

Check your pricing to make sure your lab is paying near the median price. This is an easy way to save money. If you want help negotiating with a company or sales rep, contact us at hello@happilabs.org.

	200 μ L		
	bulk	reload	racked
price/tip	\$0.012	\$0.020	\$0.028
price/960 tips	\$11.78	\$19.47	\$26.70



	10 μ L			1000/1250 μ L		
	bulk	reload	racked	bulk	reload	racked
price/tip	\$0.016	\$0.020	\$0.027	\$0.016	\$0.026	\$0.031
price/960 tips	\$15.08	\$19.47	\$25.50	\$15.00	\$25.00	\$29.85

CONCLUSION:

HL recommends reload packaging as the best value. Although bulk packaging is cheaper per tip, they cost the most time to load into racks and have a higher contamination risk during the loading process. Compared to racked packaging, reloads consume less plastic, making them the more eco-friendly option.

What are the **QUALITIES** of a good Pipette Tip?

There are many brands of pipette tips available and many of them are advertised as “universal”. **Be careful!** Based on reviews from the HappiLabs Community, some “universal” tips still have problems fitting certain brands of pipettors. Also, “low-retention” doesn’t always mean low-retention. Ask your vendor how they guarantee their tips have this quality.

On the following page we highlight the most useful reviews from all brands—not just the highly rated brands! Keep reading...

Questions? Contact us at hello@happilabs.org

Useful Reviews for 200 μ L Pipette Tips

BRAND	PRODUCT#	REVIEW	RATING
Fisher Scientific (MBP)	21-236-53	The MBP 200 ul pipet tips work great for both single-channel and multi-channel pipettors -- not all pipet tips are. We've had to try several brands to find ones that work well with the multi-channels.	5
Rainin	GPS-L250	Work wonderfully with our Rainin Pipettes, no problems at all with them.	5
Rainin	GPS-L250S	Fit is awesome. and I like the LTS pipettors better than the universal fit ones.	4
Fisher Scientific (SureOne)	02-707-448	200ul tips don't always work with Gilson P200 pipettes. I like the length of the 1mL blue tips, it's long enough to avoid contaminating the pipette shaft easily.	4
Denville (Wood-pecker)	P2101	They are advertised as "universal", but the 200ul pipette tips have trouble fitting our eppendorf pipettes.	4
VWR	613-0240	From a functional perspective they seem sufficient. They sometime retain too much fluid, but its difficult to tell if its from the tip or the pipetter. Also these unfortunately are purchased in bulk and have to be refilled manually into various containers.	3

UPDATED PRICING

As the HappiLabs Community grows, we collect more pricing. Here are updated prices from Report #1.

HL Median Price

Nitrile Gloves	\$6.99	per 100
Latex Gloves	\$8.38	per 100
1.5 mL Tubes	\$11.75	per 500



THANK YOU!

Scientific Consultants

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Founder & Producer: Tom Ruginis

HappiLabs aims to hire scientists (grad students and post-docs) to provide them with opportunities for skills development and supplemental income. This will help them be **better scientists**, and if necessary, more qualified for non-academic jobs. For this report, we provided:

Hours of Development

39

Supplemental Income

\$846.00

Skills Development:

Data Organization
Data Analysis
Editing
Marketing