

**Rapid Field Tests
for Shellfish
Toxins**

<u>Brands</u>	Scotia	Mercury Science
<u>Website</u>	http://www.jellett.ca	http://www.mercuryscience.com/products.html
<u>Costs</u>	\$25.00/per single use test kit	\$180.00/per test kit to analyze 10 samples (plus extraction kit cost)
<u>Extras</u>	Immersion blender or dremel tool, sieve, beakers, paint filters, vinegar, & isopropyl alcohol	Immersion blender or dremel tool, have to also buy their shellfish extraction kit
<u>Available</u>	Within a week, standard shipping to AK	Not available to order until end of June(2016) because their Lab is moving locations.
<u>Time Requirements</u>	About 1 hour	About 1 hour
<u>Toxin</u>	Saxotoxins & Domoic Acid	Saxotoxins & Domoic Acid
<u>Accuracy (none of these rapid tests are regulatory)</u>	Domoic Acid=very accurate Saxitoxin= pretty good indicator. Mostly used to advise additional more rigorous testing.	Domoic Acid= very accurate Saxitoxin will be a new product so we don't know much about it.



**Kachemak Bay National Estuarine Research Reserve
Alaska Center for Conservation Science**
UNIVERSITY of ALASKA ANCHORAGE

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