



# DRYVAX / ACAM2000

## Comparison Chart

**DRYVAX<sup>®</sup>** (est. thru 29 Feb 08)

**ACAM2000<sup>™</sup>** (est. after 01 Mar 08)

	<b>DRYVAX<sup>®</sup></b> (est. thru 29 Feb 08)	<b>ACAM2000<sup>™</sup></b> (est. after 01 Mar 08)
Manufacturer	Wyeth Lab	Acambis Inc.
Indication	For the induction of immunity against Smallpox	For the induction of immunity against Smallpox
Description	Live vaccinia virus cultured from Calf Lymph	Live vaccinia virus manufactured using cell culture technology
Pharmaceutical Properties	<ul style="list-style-type: none"> <li>~ The calf lymph is purified, concentrated and dried by lyophilization. During processing, polymyxin B sulfate, dihydrostreptomycin sulfate, chlortetracycline hydrochloride and neomycin sulfate are added.</li> <li>~ Diluent contains: 50% glycerin and 0.25% phenol</li> <li>~ 100 dose vial</li> </ul>	<ul style="list-style-type: none"> <li>~ 2% human serum albumin USP, 0.5-0.7% sodium chloride USP, 5% mannitol USP, and trace amounts of neomycin and polymyxin B</li> <li>~ Diluent for ACAM2000 contains 50% (v/v) Glycerin USP, 0.25% (v/v) Phenol USP in Water for Injection USP supplied in 3mL clear glass vials containing 0.6mL of diluent</li> <li>~ 100 dose vial</li> </ul>
Medium	Calf Lymph	Vero (African Green Monkey kidney cells)
Route	Percutaneous using a bifurcated needle traditionally at an upper deltoid site ( Also called scarification)	Percutaneous using a bifurcated needle traditionally at an upper deltoid site ( Also called scarification)
Dosing	<p><b>Primary:</b> 3 Jabs</p> <p><b>Revaccination:</b> 15 Jabs</p>	<p><b>Primary:</b> 15 Jabs</p> <p><b>Revaccination:</b> 15 Jabs</p>
Revaccination	DoD policy requires individuals at high risk for exposure, such as laboratory personnel handling variola virus, be re-vaccinated every 3 years. Individuals deemed to be at an increased risk, such as segments of the military must be re-vaccinated every 10 years.	DoD policy requires individuals at high risk for exposure, such as laboratory personnel handling variola virus, be re-vaccinated every 3 years. Individuals deemed to be at an increased risk, such as segments of the military must be re-vaccinated every 10 years.
Storage & Handling	<ul style="list-style-type: none"> <li>~ Dryvax is shipped and stored at 2-8°C or 36-46°F</li> <li>~ Discard vaccine 90 days after reconstitution</li> <li>~ Expiration date subject to extensions</li> </ul>	<ul style="list-style-type: none"> <li>~ Un-reconstituted ACAM2000 vaccine is shipped and stored at 2-8°C (36-46°F)</li> <li>~ Un-reconstituted ACAM2000 vaccine should not be exposed to room temperature (23-27°C, 73-81°F) for more than 48 hours</li> <li>~ After reconstitution, ACAM 2000 vaccine may be administered within 6 to 8 hours at room temperature (20-25°C, 68-77°F)</li> <li>~ Vaccine must be discarded as a bio-hazardous material 30 days after reconstitution</li> <li>~ Gloves should be worn when reconstituting or administering ACAM2000 vaccine</li> <li>~ Expiration dates will not be extended</li> </ul>
Required Educational Material	DoD Smallpox individual information trifold brochure	DoD Smallpox individual information trifold brochure AND <i>Medication Guide</i>