

# Organic Pastures Dairy Company LLC

## *Explanation and Position on A-2 Milk and A-2 Milk Testing*

First of all, we love and respect Joe Mercola deeply, but there is a deeper story on A-2 testing.

About five years ago, OPDC attempted to have the A-2 Corporation test all of our cows for A-2 genetic traits. At that time the "A-2 Corporation" was doing business in the Upper Midwest in the USA. The A-2 Corporation refused to test any cows unless all the milk was branded under the A-2 Corporation brand. They also required that all A-2 Corporation milk be pasteurized.

Because OPDC is 100% organic and never pasteurize our raw milk....that was the end of any A-2 testing idea for OPDC. The A-2 testing mandates and ideas broke all of our rules.

About a year ago, OPDC again attempted to contact the A-2 Corporation in an attempt to have its cows tested for A-2 Genetic traits. It was discovered that the A-2 Corporation had gone bankrupt in North America and had just skeletal operations in New Zealand. It took months to get an email through or contact via phone. The answer from A-2 was that they were not providing the patented test to anyone at that time and that perhaps in the future that the test may become available.

As of March 2010, the A-2 Corporation is not providing tests to American Dairymen.

There are some people in the raw milk movement that say that they have a way to get cows tested for A-2 traits, but it is questionable whether these tests are actually the original A-2 test and these people want lots of money to do the test.

It is also still very questionable whether the claims made by A-2 are accurate. The authors of "The Devil in the Milk" book claim that cows made a genetic split about 5,000 years ago and that Holsteins and some other breeds were more domesticated because of calmness and other traits ( they were to become more A-1 dominant ). We have no way of knowing that this is true or not. No other research confirms these historical concepts. Also...it is claimed that A-2 cows ( Jerseys )produce milk which is far better than cows that are tested and found to be A-1 genetics.

We disagree with this analysis and remain unconvinced of its value. If the split occurred 5000 years ago and A-1 is the source of modern heart disease and makes autism worse....then this does not match up with other researchers at all. Modern diseases began with grain feeding and confinement just 75 to 100 years ago. Modern diseases are much more likely to be associated with modern processing of milk and lack of grass feeding etc.

When evaluating the "67<sup>th</sup> amino acid" differences in A-2 milk, we ask a much bigger question, when pasteurized milk is observed microscopically it is a massive destruction zone. It looks as if it has been hit with a bomb and everything is dead, broken and twisted. Everything is in little pieces and nothing is alive.

How can a slight 67<sup>th</sup> position nuance of a single amino acid matter at all in the bigger scheme of massive amino acid changes during pasteurized milk destruction. This makes zero sense.

At OPDC about 50% of our cows are Jersey and 30% are Jersey-Holstein crosses. The rest are Holstein.

At OPDC we believe that the cow is a part of the environment and her milk reflects her conditions and her feed. We feed 100% pastures all of the time. These conditions will reflect in the raw milk that she produces.

Presently, we are being approached to test our cows for A-2 traits by people that do not work for A-2 Corporation. These tests are very expensive and we have no idea what the results would mean or what value they would bring or if they are actually A-2 tests at all? Who knows what they are.

For now, at OPDC, the jury is out on A-2 v. A-1 cows. We are approached every week by people that try to sell us something new to make our products better. We are always open to new ideas....but most of the time we stick with the very oldest of ideas. We stick with mother nature and grass and sunshine. We are not going to slaughter or sell off our perfectly good cows based on one book and a concept which has not been verified by anyone except for the authors.

Both of the founders of A-2 are now dead and no one is verifying their work.

In our calculation the very best milk is raw milk from cows grazed on green pastures and tested to assure that no bad bugs are present. This is the raw milk that makes people healthy, rebuilds human immune systems regardless of animal genetics.

The FDA will not allow OPDC to explain what things raw milk improves medically.

Trust us....Grass fed, tested, Raw Milk is a highly effective medical food.

See [www.californiarawmilk.org](http://www.californiarawmilk.org) for details that cannot be explained here.

All the best,

OPDC Raw Milk Team