



## Valley Veterinarians Enhances Milk Quality Services with Cutting-Edge Mastitis Diagnostics

Valley Veterinarians, Inc. (VVI) is excited to announce a partnership with Safeguard Biosystems to offer the **DairyGuard platform**, a revolutionary tool for diagnosing mastitis-causing organisms in your dairy herd.

### Timely, More Accurate Diagnosis with Molecular Technology:

DairyGuard utilizes **Polymerase Chain Reaction (PCR)**, a sophisticated technique that amplifies DNA in milk samples. This allows for highly accurate and sensitive identification of even low levels of bacteria, including some difficult to detect with traditional plating methods.



### Benefits for Your Dairy Operation:

- **Enhanced Accuracy:** DairyGuard provides a more comprehensive picture of the organisms present in your milk.
- **Improved Sensitivity:** The platform can detect even low levels of bacterial DNA that might be missed by plating
- **Timely Results:** DairyGuard offers comparable turnaround times compared to traditional methods, helping you address mastitis concerns promptly.

### Integration with VVI Services, and What to Expect:

VVI will initially utilize DairyGuard for pooled samples from tanks, pens, and other sources. This advanced technology will allow us to identify significant mastitis pathogens like *Staph aureus* and *Strep agalactiae*, even in heavily contaminated samples. The cost is comparable to what VVI has been charging for tank samples.

You may notice differences in your upcoming bulk tank sample reports due to the switch to DairyGuard. For any questions regarding the results or their interpretation, we encourage you to visit our website at [valleyvets.com] or discuss them directly with your herd veterinarian.

### Investing in Your Herd's Health:

VVI is committed to providing the best possible tools and services for your dairy operation. The DairyGuard platform represents a significant leap forward in mastitis diagnostics, offering a more accurate and timely approach to herd health management.

