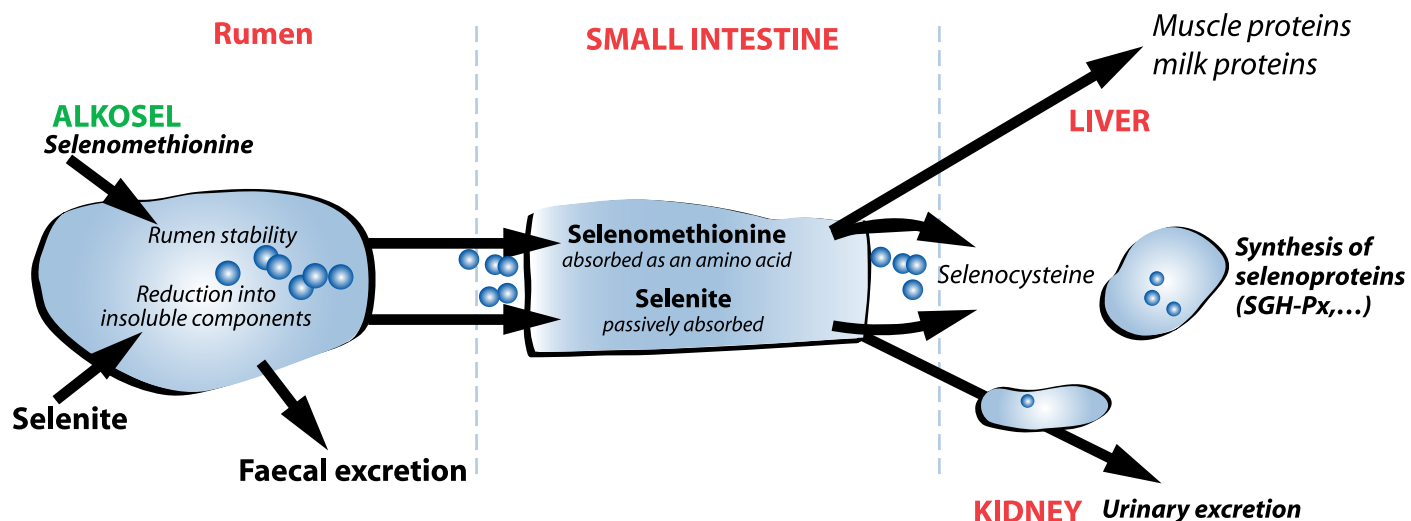


# The benefits of Selenium Yeast... And three guarantees only Alkosel® can offer

## Benefits of Selenium Yeast

### Alkosel (organic) versus Selenite (inorganic): A Different Mode of Absorption



## Three guarantees only Alkosel can offer

### Receive 50% off the cost of your Selenium Yeast

Our NEW concentrated Alkosel will beat any competitor's price.

Just to try our product, we will give you a 3 month trial at 50% off the current cost of your selenium yeast.\*

The difference:	Alkosel	Competitor
PPM Selenium	2800	2000
% organic Selenium	98	98
PPM SeMet	3900 – 4100	2200 – 3300

Call 1.888.499.4023 today to start your 50% off trial



\*Some conditions apply. Call for details

### Consistency of ALKOSEL® batches

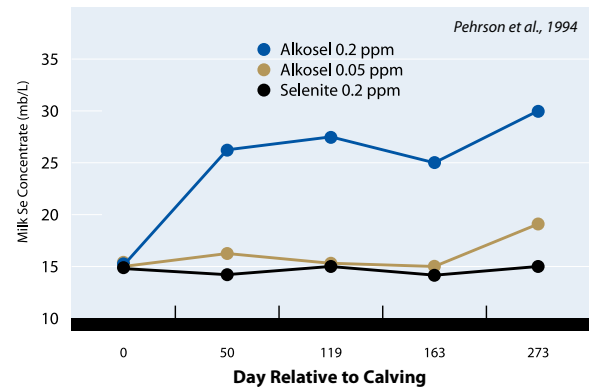


# Studies show the benefits of Alkosel®

**Retention of Selenium** in body tissues is improved after feeding Alkosel

- Figure 1 indicates Selenium retentions level (presented by milk selenium) after cows were fed either iorganic selenium at 0.2 ppm or Alkosel at 0.05 ppm and 0.2 ppm for 9 months
- The increased selenium retention with Alkosel is a reflection of increased bioavailability

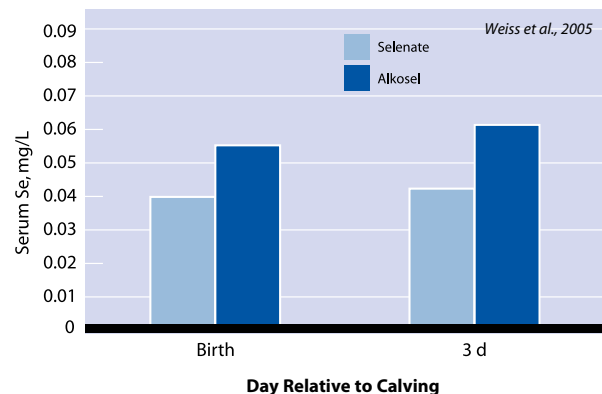
**Figure 1 Milk selenium levels from cows supplemented with sodium selenite or Alkosel**



More Selenium in blood and body tissues **helps immune function** resulting in:

- Improved immune status of young animals through maternal Selenium transfer (figure 2)
- Improved recovery of reproductive tract post-calving
- Improved milk quality resulting in lower somatic cell count (SCC) and less milk yield losses

**Figure 2 Serum Selenium level of calves from cows fed Alkosel or Selenite**



## Important facts

- It takes time to build Selenium and Glutathione Peroxidase (GSH+Px) levels, therefore, supplementation needs to start during the dry period (60 days pre-calving).
- Optimal needs are at calving and before breeding.
- We recommend using a 50/50 combination of Sodium Selenite and Alkosel in dairy cow rations to ensure a balance between storage and utilization of Selenium.

Alkosel is produced by growing yeast in the presence of measured amounts of selenium. Live yeast cells absorb selenium and biochemically transform into selenomethionine. State of the art routine quality control procedures enable guaranteed levels of total selenium and selenomethionine in Alkosel for each manufacturing batch.



Alkosel® is a registered trademark of Lallemand

Ask your veterinarian about the importance of trace mineral nutrition.

# Nutritech

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