Measurement of Ferritin in Bovine Milk and its Clinical Significance. By Orino et al., page 3842. An enzyme immunoassay for milk ferritin has been developed for Holstein-Friesian cows. Inhibitory effects of milk on the ferritin immunoassay were eliminated by heat treatment (60°C, 20 min) and increased ionic strength [0.5 M (NH₄)₂SO₄]. Assay of milk ferritin is useful for the diagnosis of cows with mastitis.