

5/25/2015

From: vcpl.judy@vetmed.wsu.edu
To: malpasoaussies@hotmail.com
Date: Fri, 11 Sep 2009 09:38:32 -0700
Subject: MDR-1 GENOTYPE RESULTS



MDR1* GENOTYPING RESULTS

9/11/2009

MDR1- 14983
Reference Number-N/A

Mirjam Walter
Rainer, OR

MDR1 TEST RESULTS FOR:

Dog Name: Lo Nevada Polynesian Buzz
Dog Breed: Australian Shepherd
Test Result: **NORMAL/NORMAL**

Explanation of test results:

Normal/Normal- These dogs do not carry the mutation, and will not pass on the mutation to their offspring. These dogs would not be expected to experience unexpected adverse drug reactions to normal doses of ivermectin, loperamide (Imodium®), and some anticancer drugs.

Mutant/Mutant- These dogs carry the mutation and can not pass on a normal gene to their offspring. These dogs would be expected to experience toxicity after normal doses of loperamide (Imodium®), some anticancer drugs, and high doses of ivermectin (greater than 50 micrograms per kilogram).