

S3 Table. Analysis of test sensitivity based on demographic characteristics of cancer-diagnosed subjects in the testing set

	Characteristic	Test sensitivity	p-value
Age	Median 9.7 years		0.6187
	≥9.7 years n=177	53.1%	
	<9.7 years n=174	56.3%	
Weight	Median 29.7kg		0.2624
	≥29.7kg n=176	58.0%	
	<29.7kg n=175	51.4%	
Sex	Male (Neutered) n=167	59.9%	0.2424
	Male (Intact) n=22	50.0%	
	Female (Spayed) n=150	51.3%	
	Female (Intact) n=11	36.3%	
Breed	Purebred n=174	55.2%	0.9452
	Mixed-breed n=177	54.2%	

Note: Neuter status not provided for one male.

Chi-squared test was used to evaluate significance across multiple groups.