

Healthy small- to medium-breed dogs with a heart murmur consistent with myxomatous mitral valve disease*

Measure NT-proBNP

NT-proBNP interpretation

< 500 pmol/L

500–1,200 pmol/L

> 1,200 pmol/L

**Stage B2
Unlikely**

**Stage B2
Possible**

**Stage B2
Likely**

Recheck NT-proBNP in
6–12 months time.

Consider further assessment,
including echocardiography,
thoracic radiographs, blood pressure
measurement, and SDMA/creatinine.†

In dogs with a loud/thrill
murmur, further assessment
is recommended.

Further assessment recommended,
including echocardiography,
thoracic radiographs, blood pressure
measurement, and SDMA/creatinine.†

In dogs with a loud/thrill
murmur, further assessment
is strongly recommended.

*Echocardiography is the gold-standard technique for the assessment of cardiac structure and function. Thoracic radiographs and measurements taken from them, including vertebral heart score (VHS) and vertebral left atrial size (VLAS), may provide information on heart size. Consider patient and client factors as part of a spectrum-of-care approach to diagnostic selection.

†Further assessment may include echocardiography, thoracic radiography, blood pressure assessment, CBC, biochemistry, electrocardiogram, infectious disease testing, urinalysis, and abdominal ultrasonography.