QSCOUT® BLD

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Chute-side blood leukocyte differential test

Increasing treatment accuracy and efficiency for cattle feeders

QScout® Cattle Lab brings accurate, chute-side diagnostics to cattlemen. The portable diagnostic analyzer scans QScout BLD tests, accurately determining BRD risk in seconds per animal.

Advanced Animal Diagnostics' QScout® BLD (blood leukocyte differential) test helps cattle feeders quickly and accurately measure bovine respiratory disease (BRD) risk in individual animals.

Modeled after the blood leukocyte differential test routinely used in humans and companion animals to detect infection, QScout BLD builds on an understanding of the role of leukocytes (white blood cells) in defending against infection. Assessing different white blood cell types, the test recognizes an immune response – even before visual symptoms appear – based on distribution of blood leukocyte cell types.

To conduct the test, a single drop of blood is taken using a QDraw™ collection device and transferred to a QScout BLD test slide. QScout Cattle Lab, located near the chute, analyzes the test to deliver the calf's health diagnosis in about 35 seconds. Its rapid results enable cattle feeders to plan appropriate interventions, increase treatment accuracy, ensure more precise use of antibiotics, and improve animal health outcomes.

QScout BLD enables chute-side animal health decisions

A recent field test at an Oklahoma backgrounder on high risk cattle demonstrated that antibiotic usage could be cut nearly in half on arrival by selectively treating animals based on QScout® BLD test results compared to traditional metaphylaxis with no significant difference through 42 days on feed in:
- Treatment rate
- Mortality rate
- Average daily gain

Proactively detecting infections with QScout BLD offers producers:

- Precise diagnosis
- Increased weight gain
- Enhanced treatment accuracy

- Improved animal health outcomes
- Judicious use of intervention technologies
- Reduced animal health costs

About Advanced Animal Diagnostics

Advanced Animal Diagnostics provides livestock producers with diagnostic products that improve profitability and empower more precise care of animals, so they live healthier, more productive lives. AAD is committed to researching, developing and commercializing the industry's most reliable diagnostic tests, such as QScout® BLD, along with helping livestock producers use antibiotics more efficiently. With our diagnostic offerings, we aim to empower real-time management decisions that increase productivity, prevent losses, improve animal welfare and protect our food supply.

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