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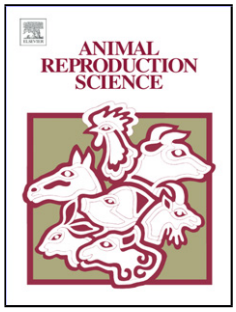

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"Revised"

Development of enzyme-linked immunosorbent assay for early pregnancy diagnosis in cattle

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HIGHLIGHTS

- An assay for pregnancy diagnosis was developed for cattle.
- The assay range was 0.312 to 25 ng/ml with a sensitivity of 0.13 ng/ml.
- The ISG15 concentration was highest on day 16 in pregnant cows.
- The ISG15 protein can act as a biomarker for early pregnancy diagnosis in cows.

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