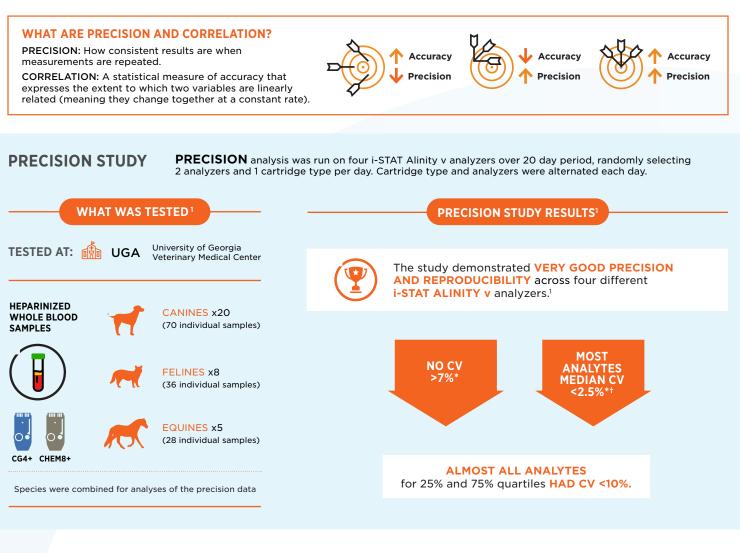
# i-STAT<sup>®</sup>Alinity v

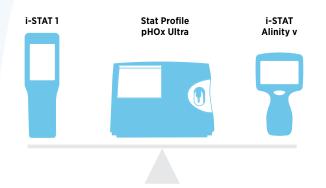
## **DEMONSTRATED STRONG PERFORMANCE** IN THE VETERINARY CLINICAL SETTING

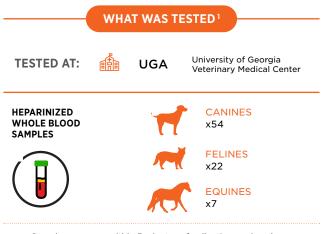
**IN A PROSPECTIVE HEAD-TO-HEAD STUDY,** the precision and correlation of the i-STAT<sup>®</sup> Alinity v were assessed in comparison with 2 commonly used and previously validated point-of-care analyzers: i-STAT 1 and Stat Profile<sup>®</sup> pHOx<sup>®</sup> Ultra (Nova Biomedical<sup>®</sup>).<sup>1</sup>



# ANALYZER ACCURACY AND COMPARISON

**CORRELATION** between analyzers was evaluated by comparing whole blood concurrently run on all three analyzers from dogs, cats, and horses presented for emergent evaluation.





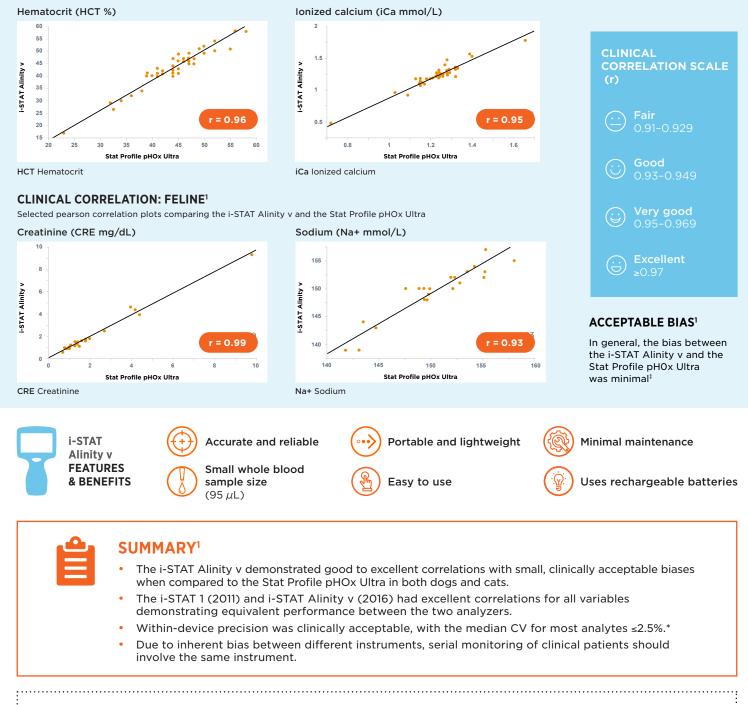
Samples were run within 5 minutes of collection, and analyses started on each analyzer within 15 seconds of each other.



The study demonstrated **GOOD TO EXCELLENT CORRELATIONS** for most canine, feline, and equine analytes vs. the Stat Profile pHOx Ultra

### CLINICAL CORRELATION: CANINE<sup>1</sup>

Selected pearson correlation plots comparing the i-STAT Alinity v and the Stat Profile pHOx Ultra



\*Coefficient of Variation or CV is a percentage calculation of the mean/standard deviation that measures precision (the closeness) of agreement between results obtained using the same methodology under the same conditions. Recommended CV% vary by analyte. Performance in accordance with the American Society of Veterinary Clinical Pathology (ASVCP) and Clinical Laboratory Standards Institute (CLSI). \*Only Anion Gap had a median CV% >2.5%, at 6.28%.

<sup>‡</sup>The i-STAT Alinity v had a positive bias (read higher) for glucose concentration compared to the Stat Profile pHOx Ultra in total, but at lower individual values (<3.33 mmol/L [60 mg/dL]) the bias approached zero (i.e., the two analyzers were more similar at lower values).

#### REFERENCES

1. Burke JE. et al.. Evaluation of the i-STAT Alinity v in a veterinary clinical setting. JVDI. 2021; Volume: 33 issue: 4, page(s): 703-710. DOI: https://doi.org/10.1177/10406387211019710

**REQUEST A DEMO OF THE i-STAT Alinity v TODAY** 

All trademarks are the property of their respective owners. i-STAT is a registered trademark of the Abbott Group of Companies in various jurisdictions, used under license. Nova Biomedical, StatProfile, and pHOx are registered trademarks of Nova Biomedical. © 2021 Zoetis Services LLC. All rights reserved. VTS-00465.



zoetisus.com/istatalinityv