Unistel®

Dieredienste / Animal Services

'n Divisie van Unistel Geneeskundige Laboratoriums / A division of Unistel Medical Laboratories

Unistel Medical Laboratories: Services and Pricing

As a commitment to the beef production industry Unistel is constantly in a process of research, development, capacity building and productivity improvement. Over the past two years a dedicated team has been developing and standardizing an "in house" panel of ISAG recommended STR microsatellites to replace the commercial "kit" that is used. This panel of 15 DNA markers must however pass stringent validation and standardization requirements.

The 2015/2016 ISAG standardization "ring tests" initiative, facilitated both the validation and standardization of this DNA marker panel and also ensures that the results of this marker panel can be exchanged with all participating laboratories, nationally and internationally.

This research and development of the 15 DNA marker panel as well as other relevant tests have brought about substantial cost savings for Unistel. This cost saving will be filtered down to the DNA services provided to clients doing DNA testing at Unistel

Unistel can now offer from 1 October DNA profile testing to their clients at R115 (excluding VAT) per animal tested.
This is a price last seen in 2005. Parentage matching and solving difficult cases remains a free additional service.

Unistel Geneeskundige Laboratoriums: Dienste en Pryse

Unistel is 'n toegewyde ondersteuner van die beesvleisproduksie-industrie in Suidelike Afrika en volg dus 'n deurlopende proses van navorsing, ontwikkeling, kapasiteitbou en verbetering in produktiwiteit. Die afgelope twee jaar het 'n toegewyde groep wetenskaplikes hard gewerk om 'n "in-huis" paneel van 15 ISAG aanbevole STR mikrosatelliet DNS-merkers te ontwikkel om die kommersiële toetsstel wat tans aangekoop word, te vervang. Hierdie paneel van 15 DNS-merkers moet egter voldoen aan streng validasie en standardisasie vereistes.

Die 2015/2016 ISAG ondersteunde standardisasie "ringtoetse" het die ideale geleentheid gebied om hierdie paneel van 15 merkers te valideer en standardiseer op 'n internasionale vlak. Die "in huis" paneel DNS-merkers het met vlieënde vaandels geslaag en daar kan dus verseker word dat die resultate aan alle internasionale vereistes voldoen. DNS-profiele is dus verenigbaar met laboratoriums se resultate op 'n nasionale en internasionale vlak en kan vryelik sonder probleme met ander laboratoriums, wat aan die ISAG "ringtoetse" van 2015/2016 deelgeneem het, uitgeruil word.

Hierdie ontwikkeling het ook 'n kostebesparing teweeggebring wat Unistel direk aan hul kliente en die beesindustrie sal afwentel.

Unistel kan nou vanaf 1 Oktober alle DNS-profiel analises aan sy ondersteuners bied teen R115 (BTW uitgesluit) per dier getoets. Hierdie prys is laas in 2005 gesien. Ouerskap bevestiging en oplos van probleemgevalle bly gratis.

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