

23th Annual Meeting of the TSE EURL
Rome, May 7-8 2026

Rapid Tests EQA (RB & RS): results of the 2025 round and forthcoming 2026 round

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Istituto Superiore di Sanità - Roma



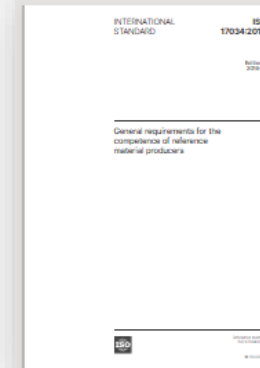
NRLs participating in Proficiency Testing 2025

26 Member States + 3 non-UE



BSE SCREENING TEST
SCHEME RB25

planning and samples dispatched – RB25



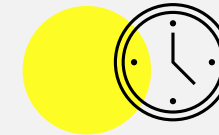
ISO 17034:2016

General requirements for the
competence of reference
material producers

NRLs received the sample
on nov 24 2025



deadline for results had
been set for dec 30 2025



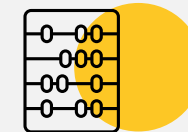
tested for
homogeneity and
stability



7 samples of frozen
brainstem homogenates
50/50 mix of tissue and
distilled water



results reported: each
participant reported two
qualitative results, one for
each run



Sample ID	Gold Standard	Dilution	Bovine Tissue Homogenate
RB2531	NEGATIVE	---	NEGATIVE
RB2532	POSITIVE	1:8	POSITIVE
RB2533	NEGATIVE	---	NEGATIVE
RB2534	NEGATIVE	---	NEGATIVE
RB2535	NEGATIVE	---	NEGATIVE
RB2536	NEGATIVE	---	NEGATIVE
RB2537	POSITIVE	1:4	POSITIVE

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Results 2025 round of EQA - BSE

test methods used	n° of labs
TeSeE SAP Combi Kit - BioRad	12
Idexx HerdChek BSE-Scrapie Antigen Test short protocol	12
Idexx HerdChek BSE-Scrapie Antigen Test ultrashort protocol	8
BetaPrion BSE EIA Test Kit – AJ Roboscreen	1

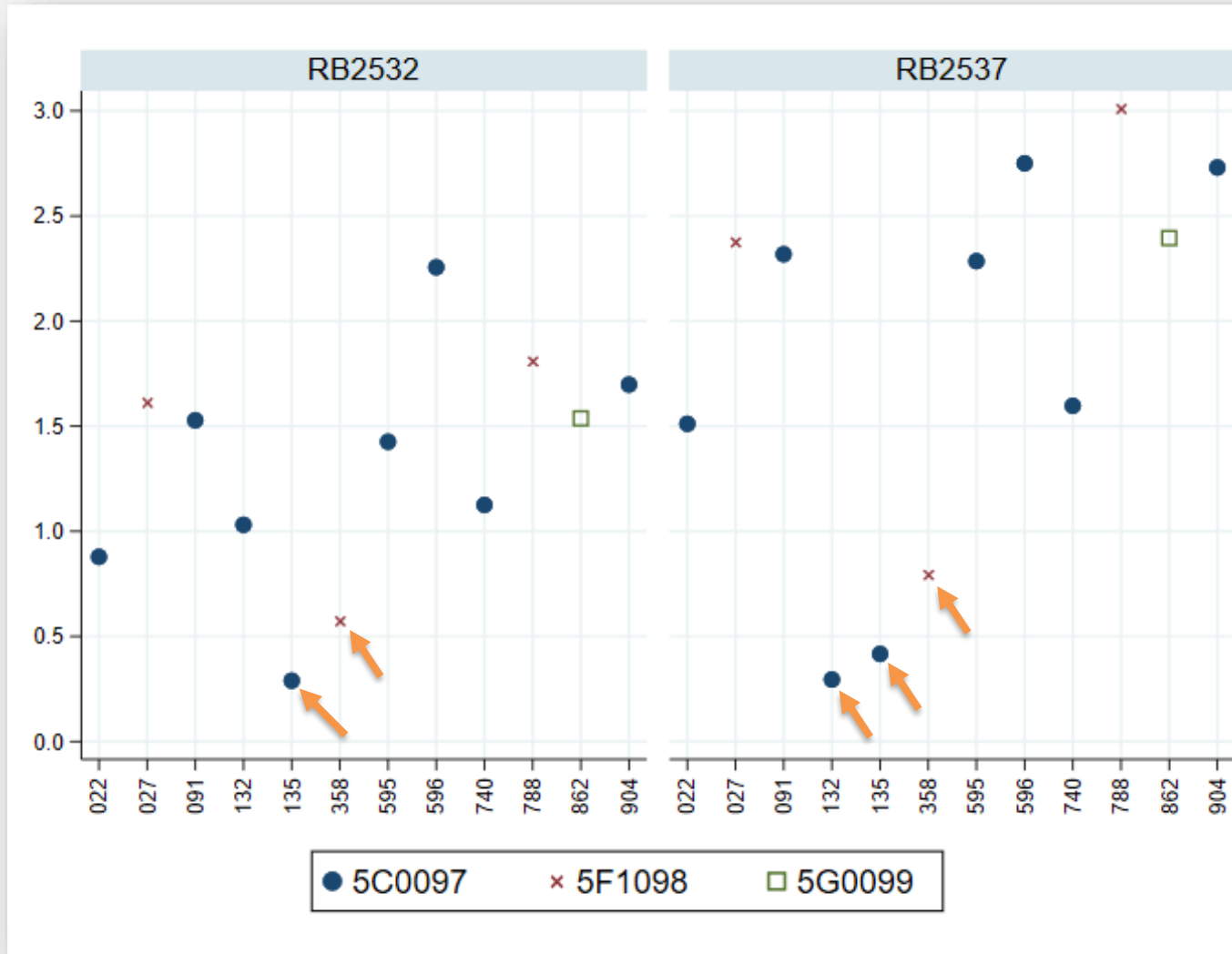


4 labs used the first
alternative test

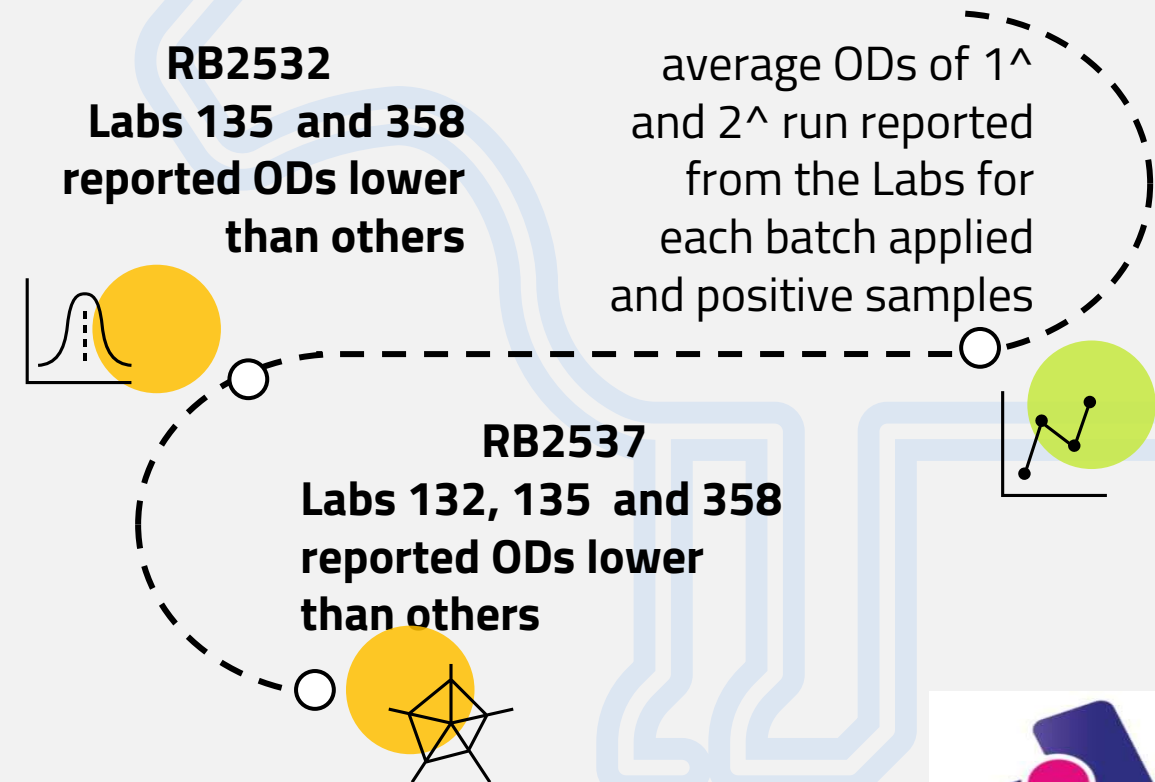


2 labs used
the second alternative test

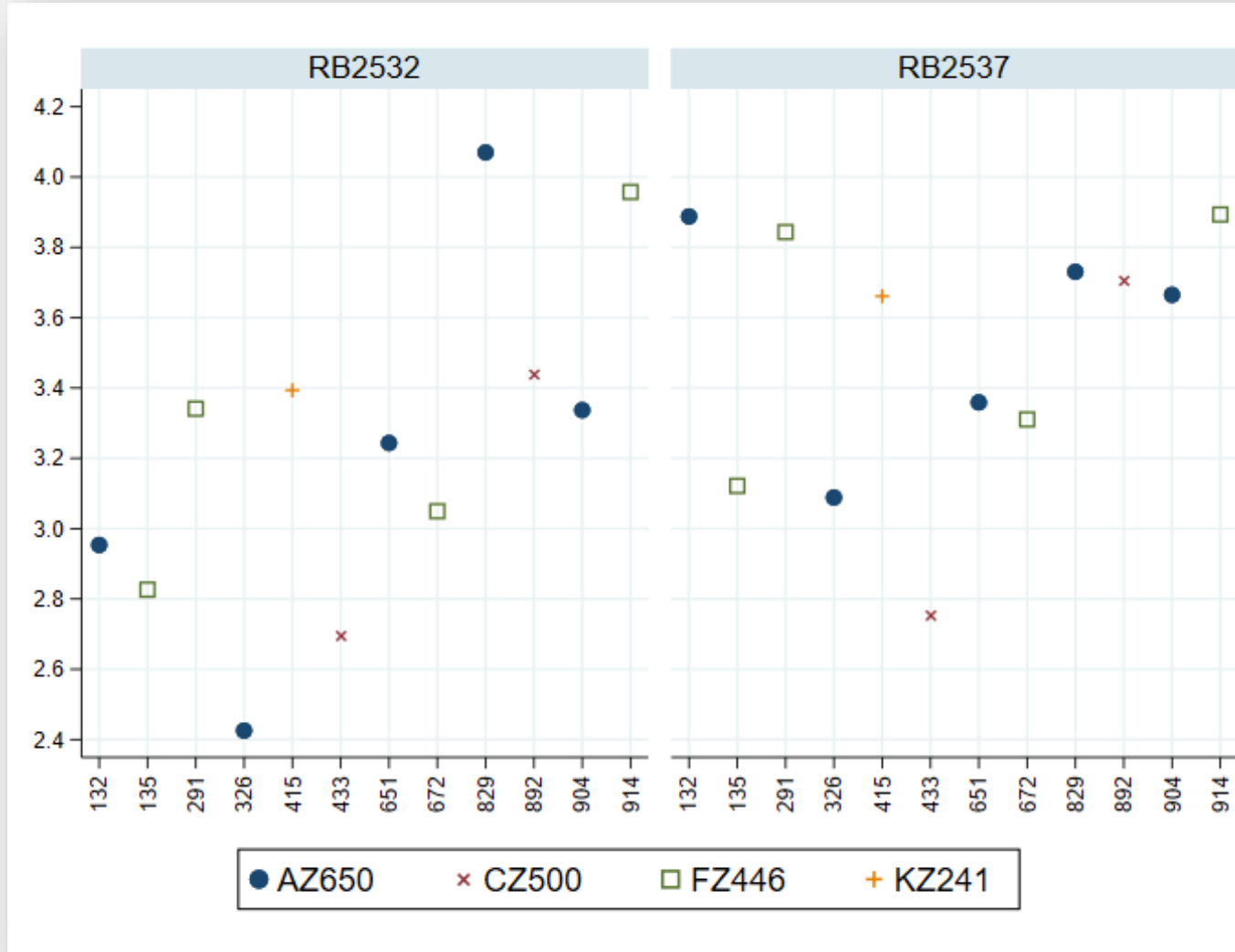
Results 2025 round of EQA - BSE



TeSeE SAP Combi Kit - BioRad



Results 2025 round of EQA - BSE

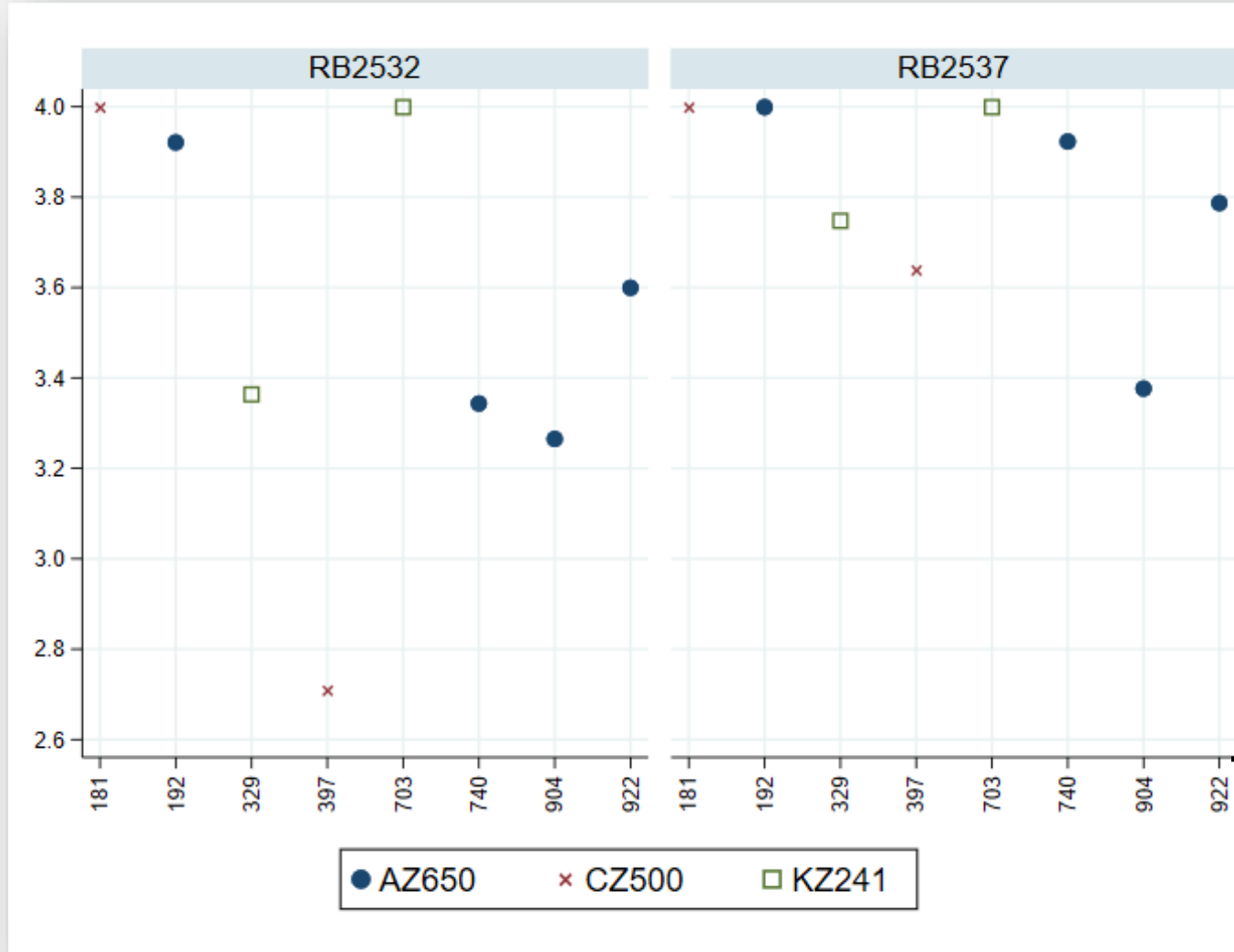


IDEXX HerdChek BSE-Scrapie Antigen Test-**SHORT** PROTOCOL

average ODs of 1[^]
and 2[^] run reported
from the Labs for
each batch applied
and positive samples



Results 2025 round of EQA - BSE



IDEXX HerdChek BSE-Scrapie Antigen Test-**ULTRA SHORT** PROTOCOL

average ODs of 1st
and 2nd run reported
from the Labs for
each batch applied
and positive samples

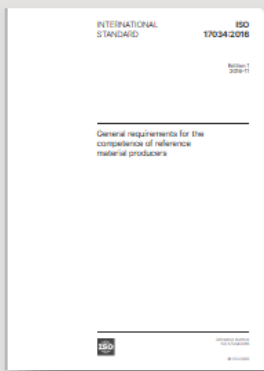


NRLs participating in Proficiency Testing 2025

27 Member States + 3 non-UE



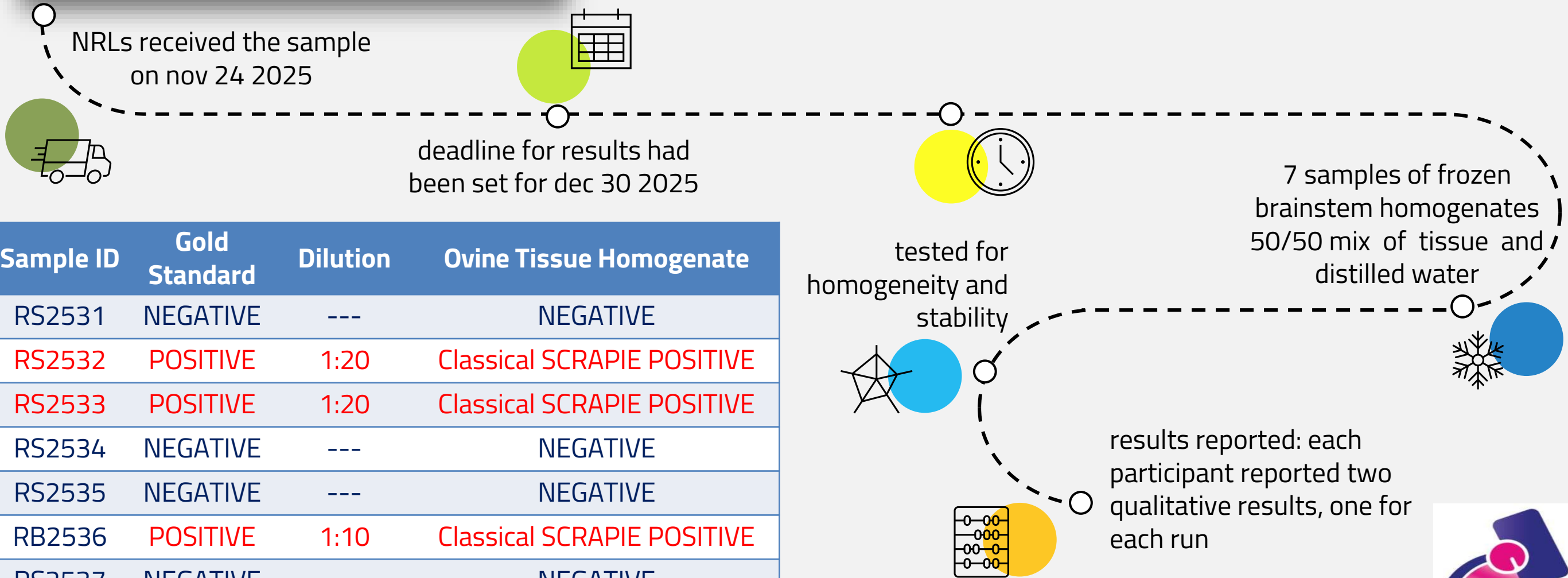
SCRAPIE SCREENING TEST
SCHEME RS25



ISO 17034:2016

General requirements for the competence of reference material producers

planning and samples dispatched – RS25



Sample ID	Gold Standard	Dilution	Ovine Tissue Homogenate
RS2531	NEGATIVE	---	NEGATIVE
RS2532	POSITIVE	1:20	Classical SCRAPIE POSITIVE
RS2533	POSITIVE	1:20	Classical SCRAPIE POSITIVE
RS2534	NEGATIVE	---	NEGATIVE
RS2535	NEGATIVE	---	NEGATIVE
RB2536	POSITIVE	1:10	Classical SCRAPIE POSITIVE
RS2537	NEGATIVE	---	NEGATIVE

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Results 2025 round of EQA - SCRAPIE

test methods used	n° of labs
Idexx HerdChek BSE-Scrapie Antigen Test short protocol	15
TeSeE SAP Combi Kit - BioRad	13
Idexx HerdChek BSE-Scrapie Antigen Test ultrashort protocol	5

 4 labs used the first alternative test

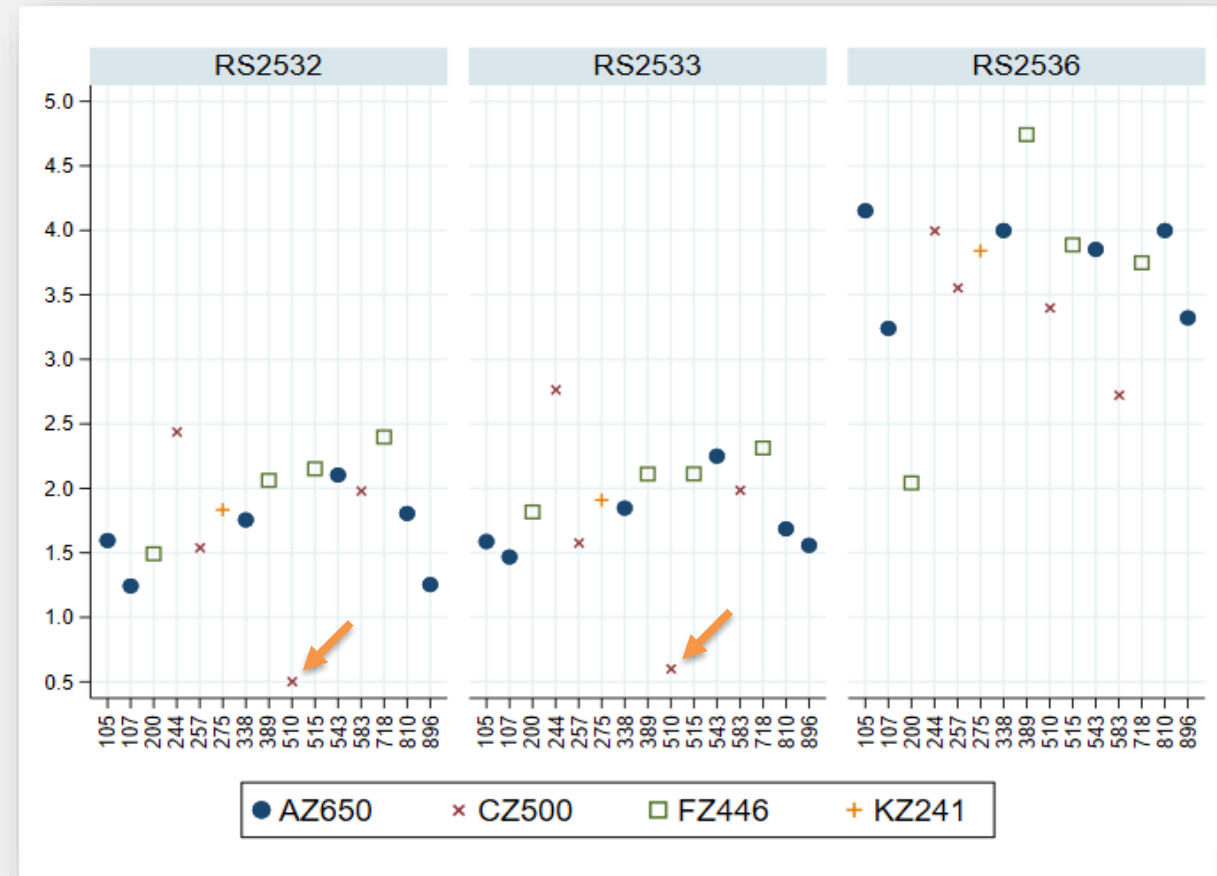
1 lab used
the second alternative test 

Results 2025 round of EQA - SCRAPIE

IDEXX HerdChek BSE-Scrapie Antigen Test-SHORT PROTOCOL

average ODs of 1st
and 2nd run reported
from the Labs for
each batch applied
and positive samples

Lab 510 reported ODs lower
than others for samples
RS2532 and RS2533



Results 2025 round of EQA - SCRAPIE

IDEXX HerdChek BSE-Scrapie Antigen Test-**ULTRA SHORT** PROTOCOL

average ODs of 1[^]
and 2[^] run reported
from the Labs for
each batch applied
and positive samples

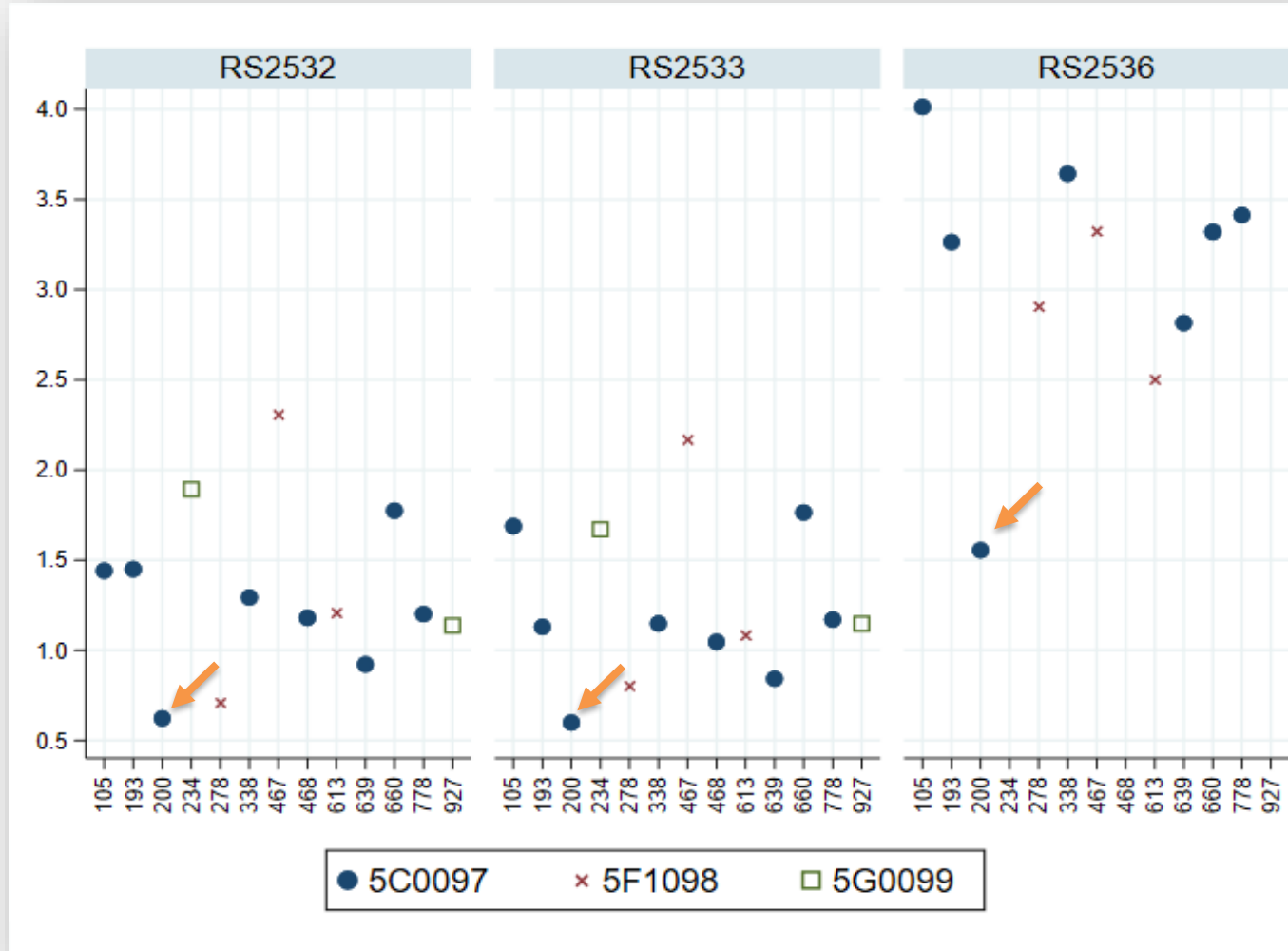


Results 2025 round of EQA - SCRAPIE

TeSeE SAP Combi Kit BioRad

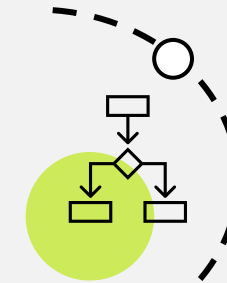
average ODs of 1st and 2nd run reported from the Labs for each batch applied and positive samples

Lab 200 reported ODs lower than others

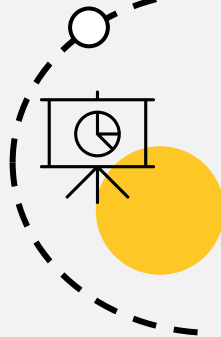


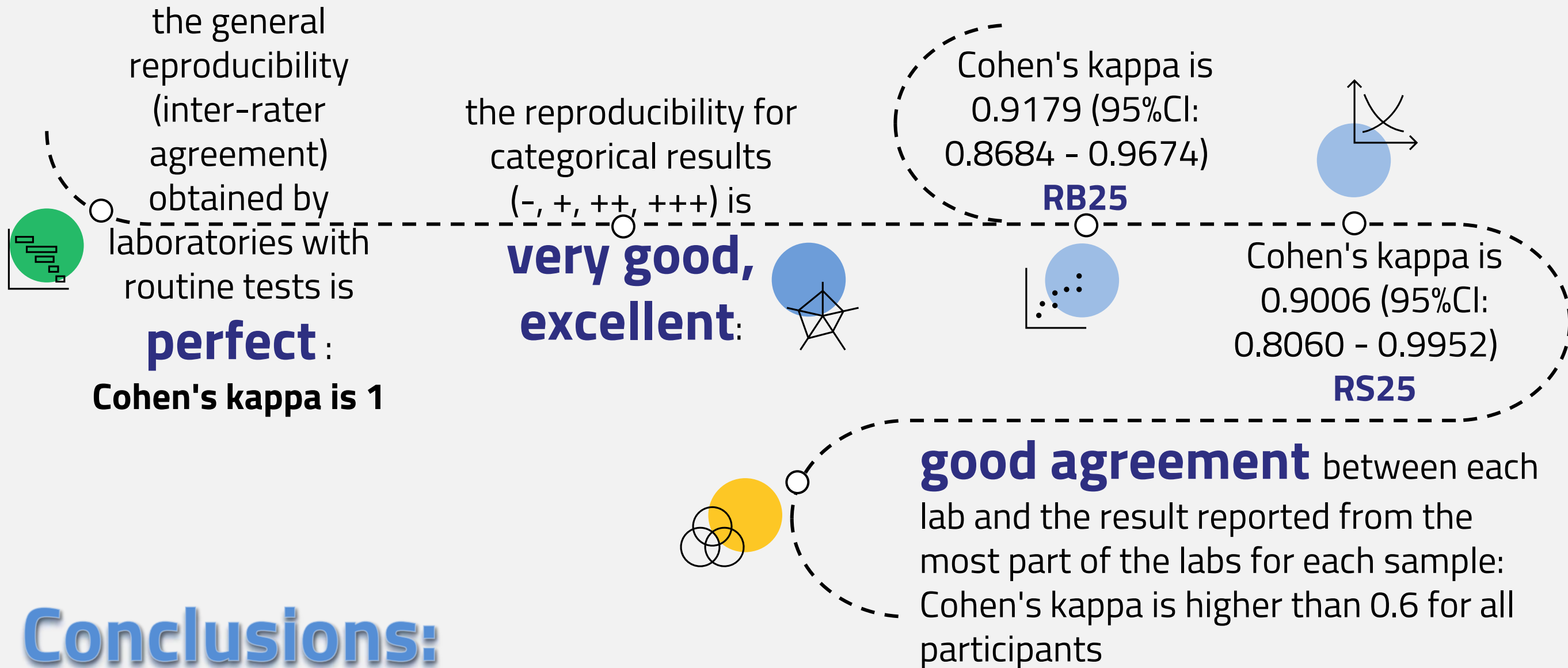
Conclusions: RB25 & RS25

all the
laboratories
have reported
the samples as
expected

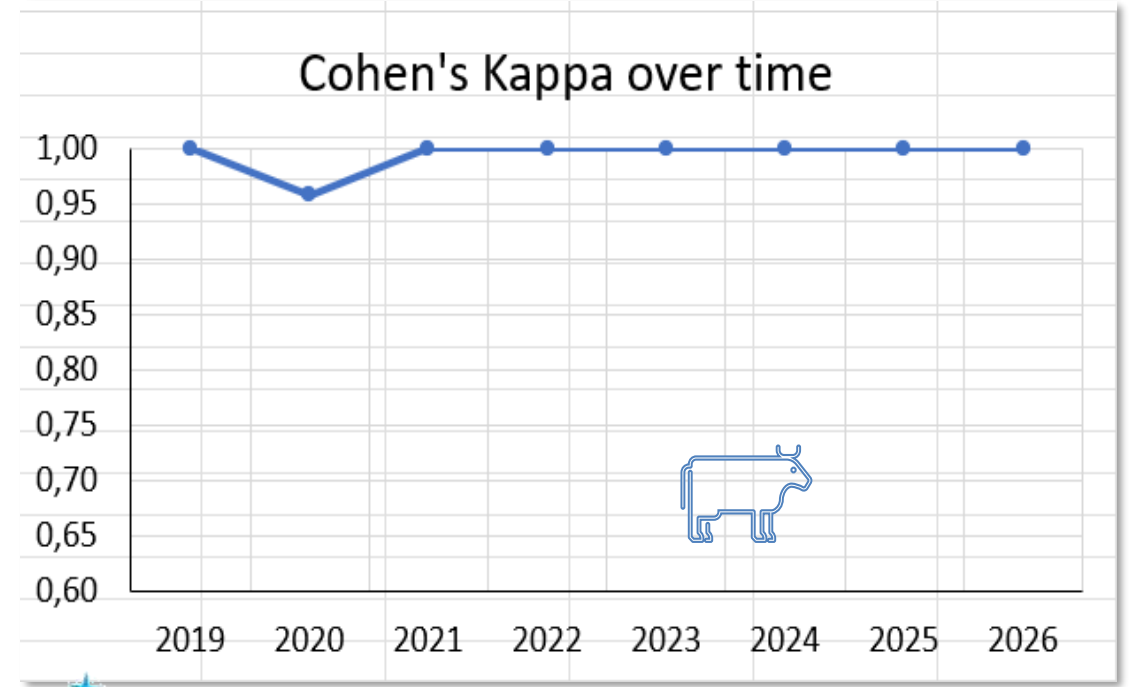
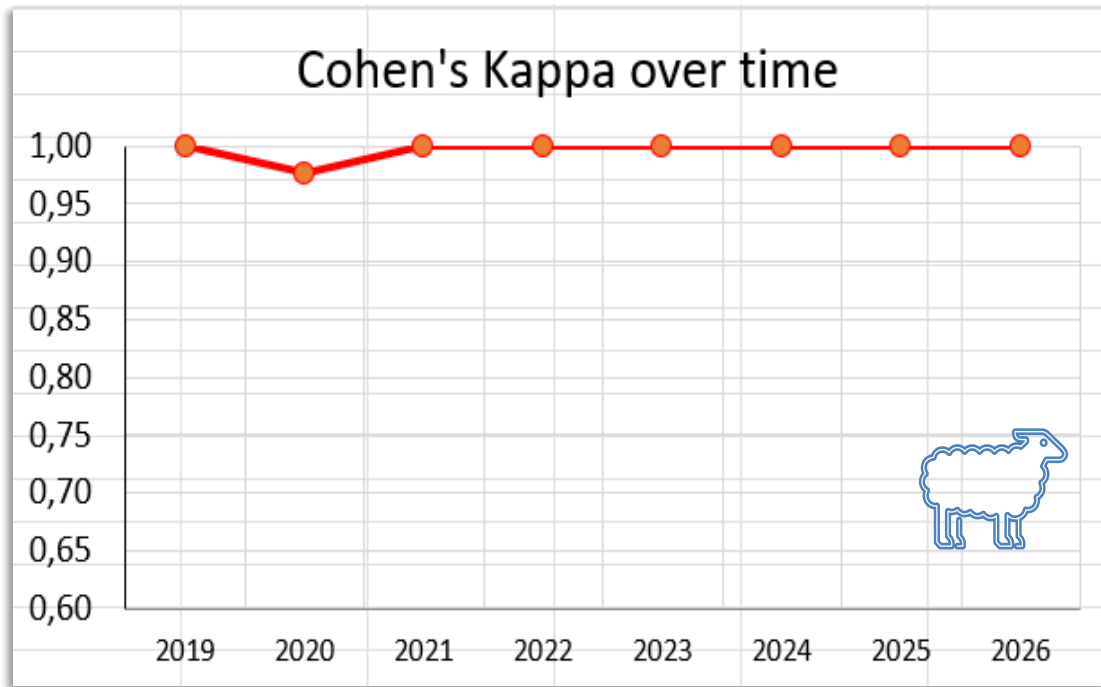


**no statistically significant
differences between participants
and batches for the positive samples
and cut-off**





Conclusions: RB25 & RS25



Congratulations!

**Conclusions:
RB25 & RS25**

Next rounds of EQA Rapid Tests

Shipment:
last week of
June 2026

Deadline for
result's
submission: 4
weeks after
the shipment

...the results of
the PTs round
2026
will be reported
at the next TSE
EURL Meeting



EURL Contact Rapid Test

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