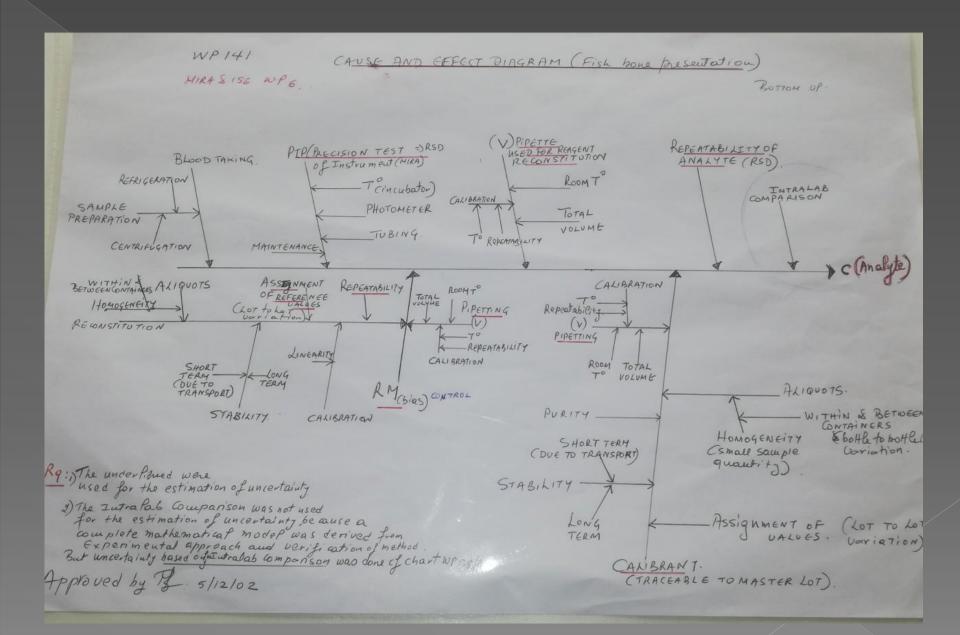
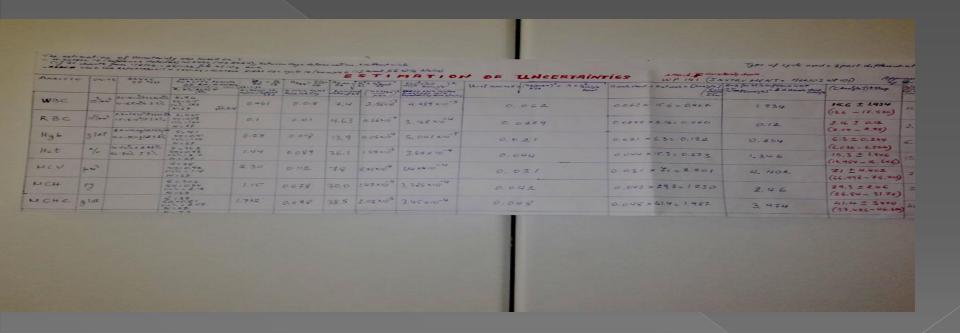
Mpn UNILAB LTD

```
1998: whats this accreditation business all about?
1999: The beggining!
ISO/IEC GUIDE25- EN 45001
1999-2005-2017: ISO/IEC 17025
2003-2007-2012: ISO/IEC 15189
```



UNCERTAINTY.....



USE OF CONTROLS

- INTERNAL-POOLS
- EXTERNAL- INSTRUMENT SPECIFIC, OTHER SCHEMES
- TESTED EXTERNAL QC's
- PARALLEL SAMPLES TESTING WITHIN LABS

((POOLS))

- TESTED SERA POOLED TOGETHER
- CENTRIFUGED TWICE
- TESTED FOR HIV, HEPB, HEPC, VDRL.
- ALIQUOTS KEPT IN THE FREEZER
- INITIAL USE IN PARALLEL WITH CONTROLS OF KNOWN VALUES
- INCLUSION CRITERIA (Non hemolysed, non icteric, no plasma, positive consent)

ADVANTAGES OF POOLS

- THEY BEHAVE LIKE BIOLOGICAL SAMPLES WITHOUT THE MATRIX EFFECTS OF EQC'S BECAUSE OF THE PRESENCE OF ALBUMIN
- THEY REPRESENT THE TRUE POPULATION OF EACH LABORATORY'S PATIENTS
- THEY ARE THE MEAN VALUE OF THE TOTAL
- CAN BE SEPARATED INTO LEVELS
- THEY ARE A VERY GOOD INDICATORS OF STABILITY, REPEATABILITY
- THEY ARE VERY STABLE AT − 20 ° C
- NO COST
- THEY HAVE PROVED TO BE VERY RELIABLE TOOLS

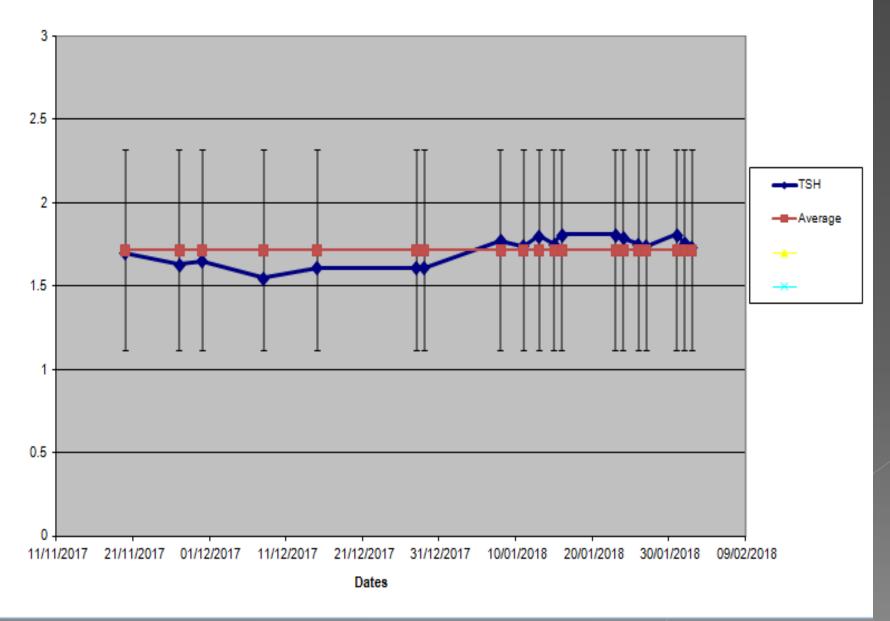
DISADVANTAGES OF POOLS

- BY THEIR OWN THEY DONOT HAVE
 REFERENCE INTERVALS
- THEY NEED TO BE RUN INITIALLY WITH KNOWN REFERENCE MATERIALS

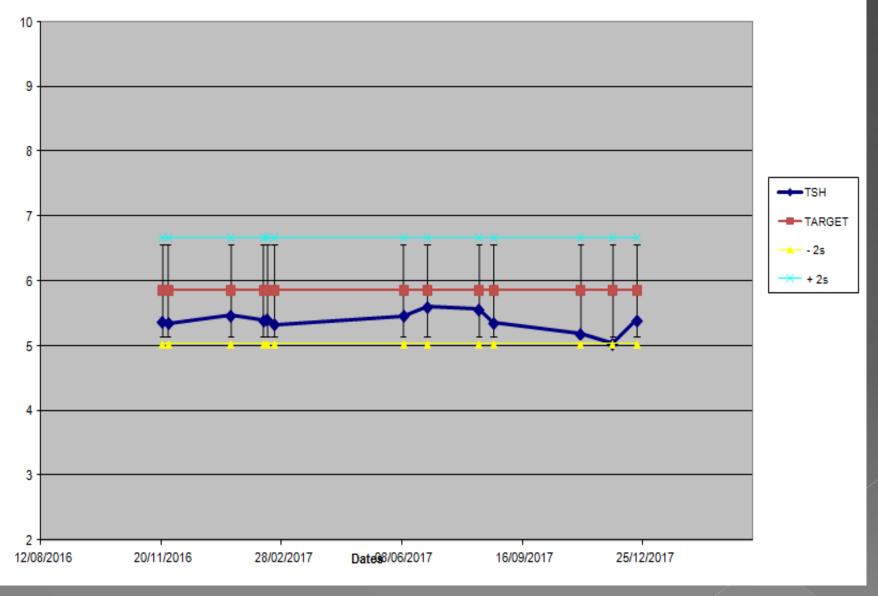
Microiological isolates used as control material

- Isolates from the clinical section which have been identified and confirmed by the Vitek2 system are stored aliquoted in nutrient broth & 10% glycerol at – 20 °C
- Used as positive controls
- Used to verify complience of culture media
- Used in studies for the estimation of uncertainty (food/water)

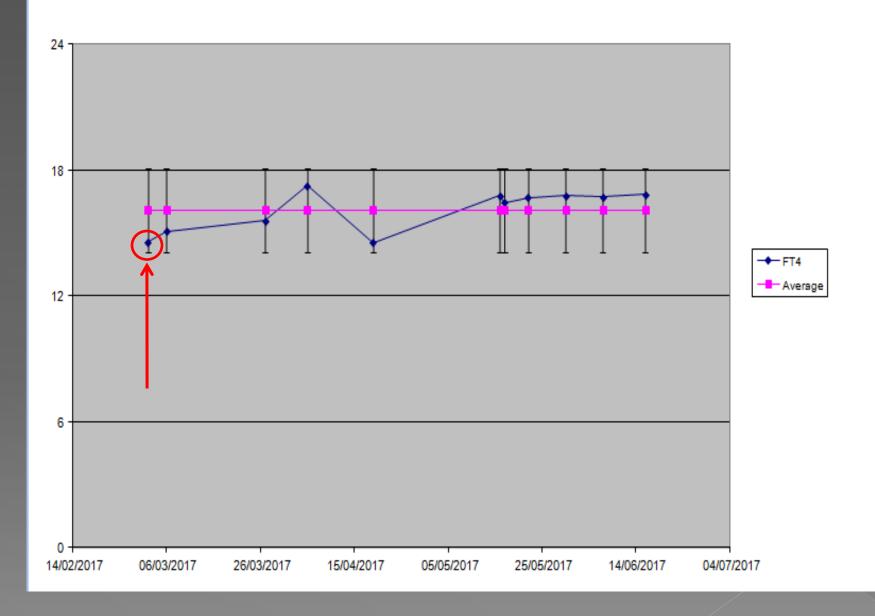
TSH-POOL69



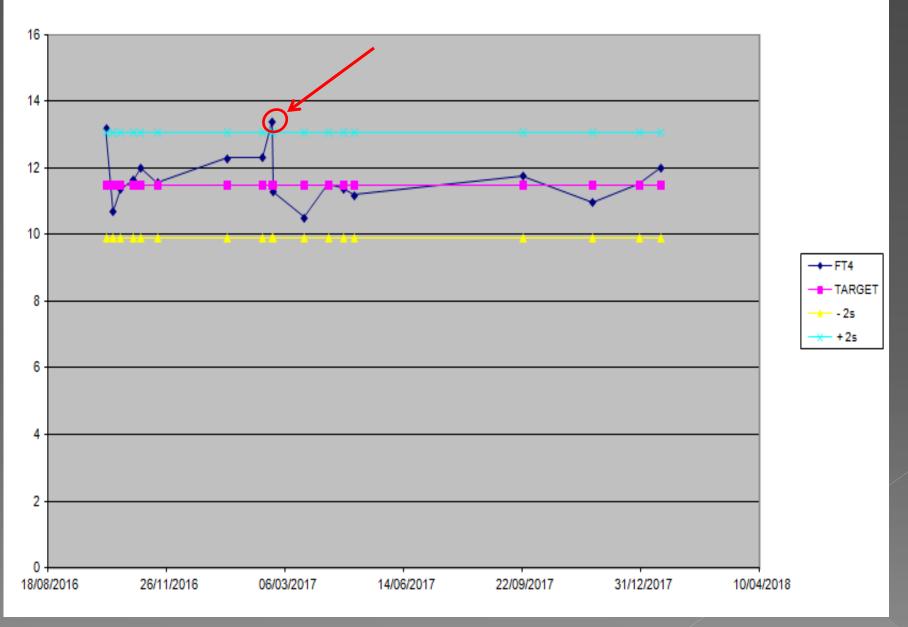




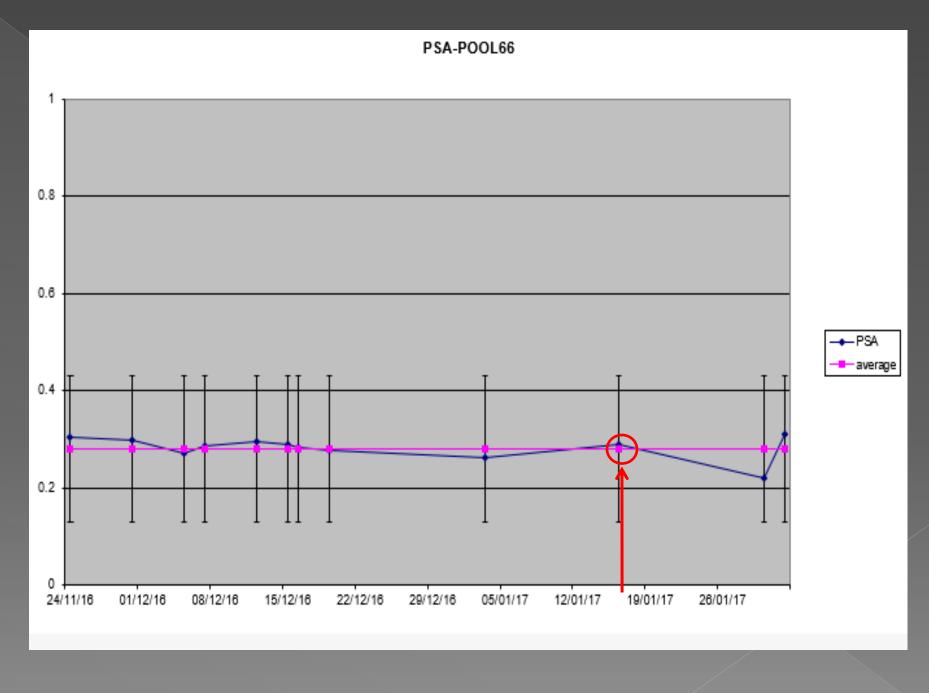
FT4-POOL 67



FT4 40311



PAVLINA LENA (mpn UNILAB Ltd) 23/2/2019



PSA 40311

