5/22/53

Dear Joshua — There is no doubt that the V factor was transferred to SW 1003. It is a diphasic IV, V, XII : a - e, n x. I have tested the biochemicals of 3 isolates (from orig, from a ss and from enx ss) and they are OK for S. abortus equi. The typhi murium which was used I cannot recognize from the numbers I have. ~~I believe~~. Could you tell me which one it was?

Incidentally your Ty mur ph2 in last shipment ~~was~~ has not moved in 1/2 serum. Is this as it should be?

So I think that SW 1003 has gained a somatic antigen and become diphasic. I have never seen phases of S. abortus equi which were so readily transformed. What do you think?

Phil

Salmonella neasden –

Douglas, S.H., Taylor, J. and McMath, F.W.T.
Monthly Bul Min Health & Pub. Health Lav.
Service 1951, 10, 250-251

Under sep cover – 4 cult. Sabortus equi
3 from aborting mares in Peru
1 " " " " Ky

These cultures were taken by John White of Vanderbilt when he was in an awful rush and he was to send back transfers – he just sent them.

Another diphasic type

S. worcester – I, XIII, XXIII : m, t – enx
Kauffmann & Henning M W
Acta path Scand 1952, 31, 586