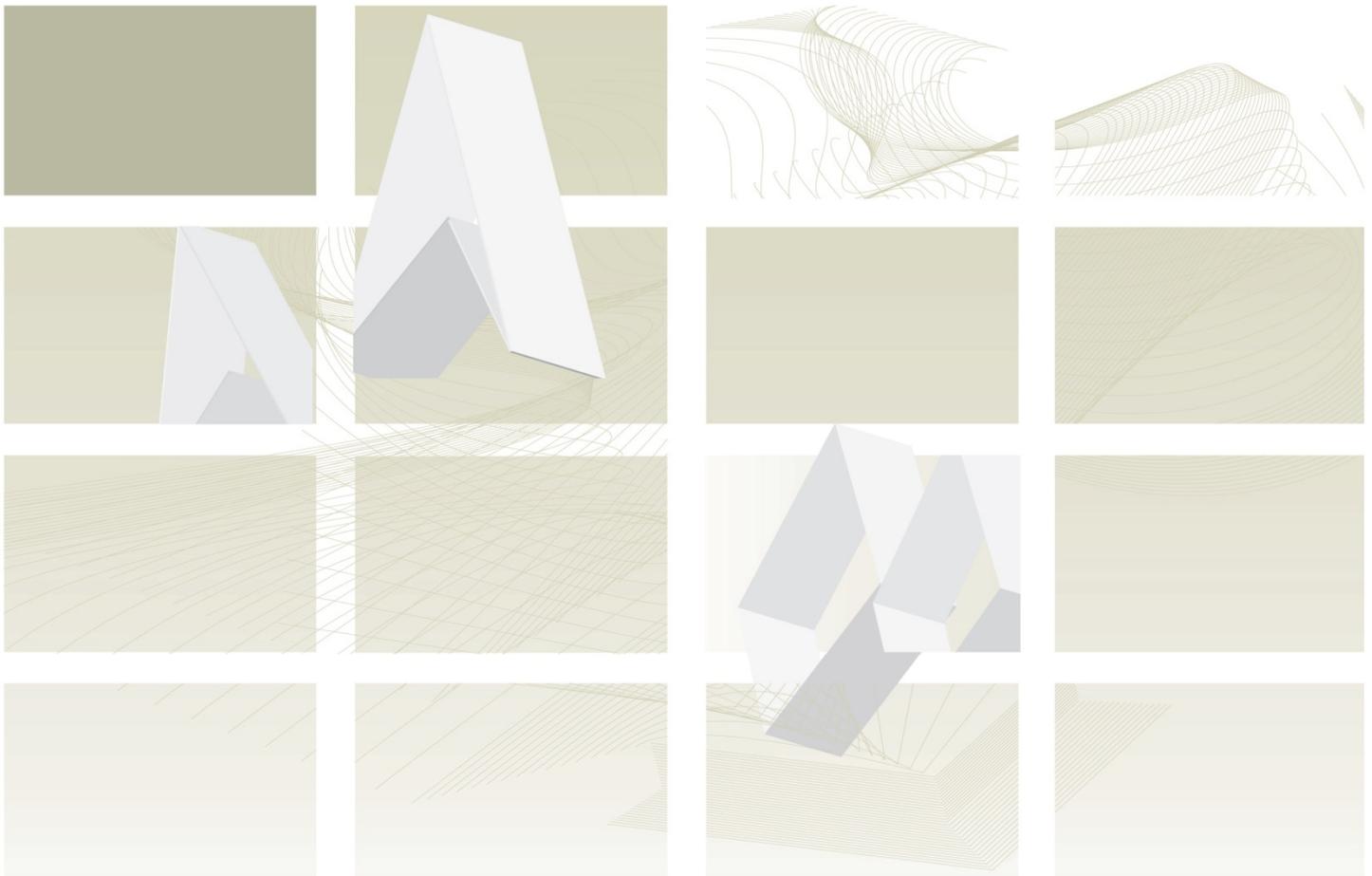




UK Standards for Microbiology Investigations

Review of users' comments received by
Working group for microbiology standards in clinical
bacteriology

TP 26 Oxidase test



"NICE has renewed accreditation of the process used by **Public Health England (PHE)** to produce **UK Standards for Microbiology Investigations**. The renewed accreditation is valid until **30 June 2021** and applies to guidance produced using the processes described in **UK standards for microbiology investigations (UKSMIs) Development process, S9365', 2016**. The original accreditation term began in **July 2011**."

Recommendations are listed as ACCEPT/ PARTIAL ACCEPT/DEFER/ NONE or PENDING

Consultation: 31/08/2018 – 14/09/2018

Version of document consulted on: TP 26df+

Proposal for changes

Comment number	1		
Date received	31/08/2018	Lab name/Professional body	SAC Veterinary Services Inverness
Section			
Comment			
From my experience, <ul style="list-style-type: none">a. I would advise caution with commercial oxidase reagents for some groups of organisms. In particular <i>Edwardsiella</i> species can give false positive reactions and some Pasteurellaceae can give false negative reactions.b. I would also recommend that oxidase is made up fresh each day rather than kept for a week.c. In the methods Kovacs reagent should be N, N, N', N'.....			
Evidence			
I have run comparisons with commercial strips in the past. <i>Edwardsiella tarda</i> and <i>E. hoshinae</i> are frequent isolates in my work and I have seen completely misleading results when they were put on a 20NE instead of a 20E due to a false positive oxidase reaction with a commercial product. On one particular occasion, a co-author on a Pasteurellaceae paper disagreed with my interpretation of the oxidase test, however, they changed their mind when they used freshly prepared reagent and obtained positive reactions.			
Financial barriers			
<i>Not completed.</i>			
Health benefits			
No.			
Recommended action	<ul style="list-style-type: none">a. NONE Many thanks for the information.b. ACCEPT This has been updated in the document accordingly.c. ACCEPT This has been updated in the document accordingly.		

Respondents indicating they were happy with the contents of the document

Overall number of comments: 1			
Date received	14/09/2018	Lab name/Professional body	SfAM
Health benefits			
<i>Not completed.</i>			