

SFHCHS188 - SQA Code HD1H 04

Prepare culture media and solutions



Overview

This standard has a broad range and relates to the production of suitable media and a variety of solutions including stains, buffers and reagents.

Users of this standard will need to ensure that practice reflects up to date information and policies.

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Performance criteria

- You must be able to:*
- P1 weigh, measure and dispense the appropriate powders and solutions accurately
 - P2 use aseptic procedures or other specific handling procedures during the preparation process
 - P3 follow the appropriate standing operating procedures, policies and protocols for the method of preparation
 - P4 use clean/sterile appropriate prepared utensils as necessary
 - P5 confirm the equipment to be used is fit for purpose and practice
 - P6 utilise all relevant equipment in a safe and correct manner
 - P7 record all relevant batch information in the appropriate manner
 - P8 maintain correct rotation of stock as necessary
 - P9 ensure products are stored appropriately
 - P10 report any factors which may influence the effective preparation of the product
 - P11 take appropriate action to respond to an unexpected situation, problem or event

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Knowledge and understanding

You need to know and understand:

- K1 relevant standard operating procedures, statutory, regulatory and legislative
- K2 hazards and risks associated with the preparation of media and solutions and how to assess and manage these
- K3 the safe and correct use of exhaust protective cabinets, extraction hoods and personal protective equipment
- K4 the operation of relevant equipment in accordance with manufacturers instructions
- K5 relevant protocols for the preparation of media and solutions
- K6 aseptic and other specific handling procedures
- K7 the level of detail required for audit purposes
- K8 expiry dates and their relevance to stock control
- K9 the correct storage conditions for each product
- K10 factors influencing the preparation of media and solutions, how to recognise them and what corrective action is required
- K11 contingency and risk assessments relating to specimen/sample testing
- K12 the importance of working effectively to make efficient use of resources and meet prioritisation needs

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Additional Information

External Links

This standard links with the following dimension within the NHS Knowledge and Skills Framework (October 2004):

Dimension: HWB8 Biomedical investigation and intervention

The candidate and assessor must only sign below when all Performance Criteria and Knowledge points have been met.

Unit assessed as being complete

Candidate's Name:	
Candidate's Signature:	
Date submitted to assessor as complete:	

Assessor's Name:	
Assessor's Signature:	
Date assessed as complete:	

Internal Verification —

to be completed in accordance with centre's IV strategy

Evidence for this Unit was sampled on the following date/s:	IV's Signature	IV's Name

This Unit has been subject to an admin check in keeping with the centre's IV strategy.

Date of admin check	IV's Signature	IV's Name

Unit completion confirmed

IV's Name:	
IV's Signature:	
Date complete:	