



Risk Assessment Form

PERSONS AT RISK : (X) Employees () Contractors () Public () Visitors () Others			Reference No: BIO RA Sample
Risk: (H) High (M) Medium (L) Low (O) No Risk.		Environment: Biorepository	
TASK or ACTIVITY: Handling & Transport of Samples		INITIAL RISK RATING	
SIGNIFICANT HAZARD	RISK		EXISTING CONTROL/PROPOSED CONTROL MEASURES
Transport of Fresh Blood, tissue & Urine from collection to processing Lab	Time sample at at room temperature will effect the quality of the sample	H	Samples should be transported form collection point to processing lab on Ice, route should be planned to take the shortest time
Processing time within laboratory	Sample should be processed ASAP to minimise the effects to sample quality	M	Equipment & consumables should be set in in readiness for sample processing to comence as soon Technicain should be fully trained in sample processing and adhering to relevant SOP Technical staff should be aware of when samples are expected to allow planning
Un-labelled samples	Samples un-labelled or miss labelled	M	Ensure vials and containers are correctly labelled as samples are collected, ideally labeling containers before hand
Incorrect storage	Samples stored incorrectly within biorepository	M	Double check storage locations before final placing. Ensure regular audits are carried out
Freezer malfunction	Breakdown of freezer and subsiquent increase in temperatu	M	Freezers alarmed and monitored 24/7 CO2 Back up systems on all freezers Emergency freezers avaliable
Security risk to samples	Unauthorised persons accessing samples	L	Sample stores are within secured areas and accessible via suited Keys. NGH store behind Swipe card access RHH stores alarmed/ CCTV
Frozen sample movement	Risk of samples thawing when being removed from long term storage. Risk to samples during transit	M	Ensure sample locations are known before hand. Minimise time that racks are out of the freez Place samples into dry ice when removed, ensure adequate amount of dry ice is covering samples to reach destination
Comments: Sample integrity is paramount to the long term usefulness of the samples stored and forward planning is vital to ensure they are processed and sored in the correct conditions asap			Overall Risk:
Additional References, Tasks etc			

Undertaken By: Steven Haynes

Other Persons Consulted: Kevin Corke

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FINAL RISK RATING
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