Procedure No



UNIVERSITY OF LIMERICK RESEARCH ETHICS COMMITTEE

RISK ASSESSMENT FORM - PROCEDURES INVOLVING HUMAN SUBJECTS

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RISK ASSESSMENT FORM - <u>PROCEDURES</u> INVOLVING HUMAN SUBJECTS

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Title or	Procedure	[Collection	and Storage of Human Saliva				
Name of Assessor(s)		I Dr.Joseph Bass/ Prof P Jakeman Asses		Assessment Date	03/11/2016		
Does lhis procedure already have ethical a			thical approval'! (Delete as appropr	riate)	NO		
If <u>YES</u> , enter ethical number and expiry date			xpiry date	Approval No: Expiry Date:	1		
1	Please provi	de a <u>brief</u> de	scription of the procedure				
I. 2. 3. 4. 5.	In a 5ml falco laboratory or Saliva sample Saliva sample	jects should be nil by mouth for 30 minutes prior to collection 5ml falcon tube, subjects provide a small saliva sample (<i (<24hr)="" (this="" -20°c<="" @0-5="" a="" an="" and="" are="" at="" autosampler="" be="" can="" capped="" centrifuged="" clean="" debris="" done="" either="" eppendorf="" ernatant="" for="" fridge="" home)="" in="" is="" lo="" long-tenn="" may="" ml)="" or="" oratory="" pellet="" samples="" shorherm="" storage="" stored="" subjects'="" td="" the="" to="" transferred="" tube="" va="" vial="" °c=""></i>					
2	Location in	which the pr	ocedure may take place				
		LJ	I Project Laboratory (Room No. 1 Research Laboratory (Room No. 2 Room No. 2 R		_ _ _		
		D			_ _ _		
		D			-		
13	Eligibility of	f subject(s) t	to be used				
. <u></u>	<i>Q V</i>	CJ	PESS student (U.G. or P.G.)				

LJ	I University s1aff or campus personnel
[J	Members of the general public engaged in research projects granled ethical approval.

For	Office	Use	Only:	ULREC No:	J
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FOR COMPLETION BY HEAD OF DEPARTMENT

RISK ASSESSMENT FORM - PROCEDURES INVOLVING HUMAN SUBJECTS

IN THE DEPARTMENT_OF: PHYSICAL EDUCATION AND SPORT SCIENCES

			Procedure No					
Title of Procedure	(Collection	(Collection and Storage of Human Saliva						
Name of Assessor(s)	[Dr.Joseph Bass/ Prof P Jakeman		Assessment Date	03/	11/20161			
S Approval of	procedure							
	D	Granted						
	D	Subject to conditions (see be	elow)					
Othe	ers, please spec	ify						
	D							
	D							
Comments/conditions	S							

Signed:



Jnfonned consent must be completed.

Date: JO / II / / b

Saliva collection

Procedure to be followed -

IT IS VERY IMPORTANT THAT ALL SAMPLES ARE PROCESSED AND STORED AS SOON AFTER COLLECTION AS POSSIBLE, ANY DELAY IN THIS PROCESSING HAS TO BE AVOIDED TO PREVENT ANY DILUTION OF ENRICHMENT OF THE SAMPLES DUE TO EVAPORATION FRANSFER OF MOISTURE THROUGH PLASTIC COLLECTION CONTAINER WALLS.

1. Saliva samples should be collected in 5ml sterile falcon tubes, subjects need only provide a small amount of sample <<Iml (NOTE: If subjects are self-collecting at own home, samples should be stored refrigerated @ 0-5 °C).

NB: - Saliva should be collected at least 30 min post-ingestion of food or drink to avoid dilution of tracer.

- 2. Upon receipt of sample to laboratory it can be safely stored for a short period (~lday) in the fridge @ 0-5 °C
- 3. Each sample is then pipetted into an Eppendorf (samples can be quite viscous so care should be taken at this point) and centrifuge at 13,000rpm for 10min at 4°C to pellet cell debris.
- 4. The supernatant should then be transferred into a clean autosampler vial and capped.
- 5. Samples are now safe to store for extended periods at -20°C
- 6. Log sample location

Emergency / **spillage procedure** - If sample is spilled, mop up with absorbent towel, decontaminate area with detergent, Virkon, gloves and lab coat to be worn.

Disposal and decontamination - Clean with detergent wipe and then disinfect with 1% Sodium Hypochlorite solution and dispose of wipes into an incineration bag. Dispose of tissue in clinical bin for incineration.