

EAR LOBE BLOOD GAS (ELBG).

Your test explained...

IN ORDER FOR THE TEST TO BE COMPLETED, YOU WILL NEED TO BE RESTED FOR AT LEAST 15 MINUTES PRIOR TO THE TEST - PLEASE ARRIVE EARLY TO ALLOW TIME FOR THIS.

WHAT IS IT?

An Ear Lobe Blood Gas is taken in order to assess the level of a few important gases in your blood, including oxygen, carbon dioxide and pH.

The blood sample required is different to that typically taken from a vein in your arm. Blood is needed from an artery and the most accessible and painless way to obtain this type of blood is from the earlobe.

By taking the blood from an earlobe capillary (capillaries are the smallest blood vessels located inside all tissues), and not directly from an artery (a large blood vessel carrying oxygenated blood away from your heart), we can ensure we obtain an accurate sample without causing too much discomfort. We will use some warm water in order to encourage the blood flow through the capillaries.

HOW SHOULD I PREPARE?

- You will be asked to rest in the department for 15 minutes when you arrive
- Remove any pierced earrings from your ear lobe
- Pin or tie hair back if necessary

The testing will **NOT** be performed where there is:

- Inflamed, swollen tissue
- Area of infection



For more information please visit: (QR)



or contact the department on 02921 825421



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Lung Function
& Sleep Apnoea
Department

NWY GWAED LLABED CLUST (ELBG).

Esboniad o'ch prawf...

ER MWYN I'R PRAWF GAEL EI GWBLHAU, BYDD ANGEN I CHI ORFFWYS AM O LEIAF 15 MUNUD CYN Y PRAWF - CYRHAEDDWCH YN GYNNAR I GANIATAU AMSER AR GYFER HYN.

BETH YDYW?

Gwneir prawf Nwy Gwaed Llabed Clust er mwyn asesu lefel ychydig o nwyon pwysig yn eich gwaed, gan gynnwys ocsigen, carbon deuocsid a pH.

Mae'r sampl gwaed sydd ei angen yn wahanol i'r un a gymerir fel arfer o wythïen yn eich braich. Mae angen gwaed o rydweli a'r ffordd fwyaf hygyrch a di-boen o gael y math hwn o waed yw ei gymryd o'r llabed clust.

Trwy gymryd y gwaed o gapilari llabed clust (capilariâu yw'r pibellau gwaed lleiaf sydd wedi'u lleoli y tu mewn i bob meinwe), ac nid yn uniongyrchol o rydweli (pibell waed fawr sy'n cludo gwaed ocsigenedig i ffwrdd o'ch calon), gallwn sicrhau ein bod yn cael sampl cywir heb achosi gormod o anghysur. Byddwn yn defnyddio rhywfaint o ddŵr cynnes er mwyn annog llif y gwaed drwy'r capilariâu.

SUT DYLWN I BARATOI?

- Gofynnir i chi orffwys yn yr adran am 15 munud pan fyddwch yn cyrraedd
- Tynnwch unrhyw glustdlysau tyllog o'ch llabed clust
- Piniwch neu clymwch eich gwallt yn ôl os oes angen

NI fydd y prawf yn cael ei gynnal os bydd:

- Inflamed, swollen tissue
- Area of infection



I gael rhagor o wybodaeth, ewch i:

Cysylltwch â'r adran ar 02921 825 421.



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Swyddogaeth yr Ysgyfaint
ac Adran Apnoea Cwsg