



Alcohol Detection In Hair

ScreenSafe UK provides an extremely comprehensive testing service, including a professional collection service, to detect the presence of alcohol in hair samples for medico-legal professionals involved with family, criminal law, child protection and social services matters.



Hair testing offers a unique window of detection for alcohol. It allows you to look back months rather than days to 'rule in' or 'rule out' chronic alcohol use in a specific case.

Key Features Include:

- Unique window of detection
- Non-invasive
- Detects chronic use
- Can identify patterns of use
- Qualified collection service
- Quick turnaround of results
- Analysis for ETG only, or ETG and FAEE combined
- Unique ability to interpret segmented analysis results
- Unique test to indicate abstinence - 6 months or longer

Case Study

Two parents fighting for custody of their child, who had been taken into care, were requested to give a hair sample for alcohol analysis. A sample of head hair was taken from each parent under strict chain of custody conditions. The samples were analysed to determine if their alcohol abuse had reduced over the past three months. Results were shown on a month by month basis by sectioning the samples into 1cm sections. The results proved that the wife had a negative result, but as alleged the husband's alcohol in-take had remained at a chronic level over the tested period.



Due to our superior laboratory facilities and expert interpretation, ScreenSafe UK is the ONLY company in the UK and Ireland able to offer segmentation of samples for detection of Alcohol.

www.screensafeuk.co.uk

For further information and prices, please contact:



Leading by example....

Tel: 08450 505590

Email: enquiries@screensafeuk.co.uk





Alcohol Detection In Hair

Hair testing offers a unique window of detection for drugs and alcohol. It allows you to look back months rather than days to 'rule in' or 'rule out' drug and alcohol use in a specific case.

Alcohol abuse is one of the most serious social problems throughout the world. Our scientists have been focusing their studies over many years to find suitable markers to establish chronic alcohol consumption.

Hair analysis has proved its ability in establishing consumption of drugs of abuse over a period of time. Similarly, when we analyse the alcohol markers in hair samples, we can establish alcohol consumption over periods of time, dependent on the length of the hair.



Expert Witness Statement

An Expert Witness Statement provides essential support at court.

A detailed explanation of positive results. All results are supported by a full toxicological report.

Expert Witness attendance at court is also available, if required.

Collection Service

ScreenSafe UK provides a professional collection service to all areas within the UK and Ireland. Our qualified collection officers will make sure that a legally defensible Chain of Custody is provided by: **(i) collecting the correct quantity of hair, from the correct area, in the correct manner; (ii) accurately completing and presenting all paperwork correctly; (iii) despatching the sample(s) safely and on time.** Collection appointments are arranged and organised to meet your deadlines (wherever possible) ensuring peace of mind for you and your client or patient. Results are guaranteed within 10 working days (or even quicker where Fast-Track is requested) from receipt of sample at our laboratory allowing you to plan your case, hearing or appointment dates with complete confidence.

Diagnosis

Diagnosis of excessive alcohol consumption is an important task from a medical/legal point of view. Markers of alcohol consumption are ethylglucuronide, and phosphatidylethanol or fatty acid ethyl esters (FAEE). Detection of ethylglucuronide is always associated with alcohol consumption. FAEEs can be present through non-conventional alcohol consumption/exposure (including cosmetics). We use 30pg/mg as a positive cut-off level for ETG as recommended by the Worldwide Society of Hair Testing. With this cut-off level, we can identify (with no false negatives) a regular drinker. The forensic definition of a regular drinker is the equivalent of 7.5 units of alcohol per day. A typical 3cm sample of hair will show a history of the past 3 months. We are the only company that can segment the hair sample to give a month-by-month account of chronic alcohol consumption due to our superior experience in expert interpretation of ETG results. This will show either an increase or decrease over time. ScreenSafe UK are also the only company that has a unique method that can accurately and reliably indicate total abstinence of 6 months or greater.

We would always advise complementary blood testing where possible, to help identify chronic alcohol use.

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