

Cholinesterase Monitoring



Agile's Industrial wellness Program: Ensuring Safety and Compliance for Pesticide Users

Agile is proud to offer comprehensive Industrial Wellness: Cholinesterase Monitoring Services, a critical occupational health program specifically designed to protect workers who handle, mix, load, or apply organophosphate and carbamate pesticides.

These services are mandated by federal and state regulatory agencies to prevent acute and chronic pesticide poisoning, ensure worker safety, and maintain full compliance with OSHA standards, EPA Worker Protection Standards (WPS), and applicable state pesticide safety regulations.

Our comprehensive screening protocol includes a thorough physical examination conducted by qualified medical professionals, along with complete medical respirator clearance evaluation and precision respirator mask fit testing, all performed in strict accordance with Cal/OSHA Pesticide Safety Regulations and federal occupational health standards.



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Program details on the back, or contact us at: clientrelations@agileoccmed.com

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The cornerstone of effective Cholinesterase monitoring is establishing an accurate baseline cholinesterase level for each worker prior to pesticide exposure. This baseline measurement serves as the critical reference point for all subsequent monitoring. Follow-up blood tests are conducted at regular intervals throughout the exposure season to detect any significant decline in cholinesterase activity. A drop of 20% or more from the baseline level is a clinical indicator of organophosphate or carbamate exposure and potential poisoning, requiring immediate medical intervention and temporary removal of the worker from further pesticide contact until cholinesterase levels return to safe parameters. This proactive monitoring approach prevents serious neurological damage, protects worker health, and ensures regulatory compliance while minimizing employers' liability.

The Cholinesterase Monitoring Process:

- **Complete the Health and Respirator Questionnaire:** Employees need to fill out a comprehensive questionnaire to assess health and respiratory needs.
- **Initial and Yearly Physical exam:** Employees will come to our clinic for an annual physical exam with our physician to review any health concerns.
- **Pulmonary Function Test (PFT) & Fit Testing:** Employees are required to visit our Agile to undergo the Pulmonary Function Test and Respirator Mask Fit-Testing for each respirator mask that they will use.
- **Blood work (Baseline and Periodic Testing):**
 - **Baseline test with CBC Blood Count & Chemistry:** A blood sample is collected to determine a worker's typical cholinesterase level before any exposure. *Employee must not have been exposed to pesticides within the past 30 days.*
 - **Periodic testing:** Employees take regular blood tests to monitor cholinesterase levels after initial testing and during employment. *Note: The first periodic cholinesterase test occurs within 14 days of the baseline blood draw.*
- **Physician:** Our physician will review the results and provide you with your staff's health status.



We are committed to ensuring the health and safety of your staff while maintaining compliance with regulatory standards.

For further information or to schedule Cholinesterase Monitoring Services, please contact us at 209. 402. 2372 or email saida.hurst@agileoccmcd.com at your earliest convenience to discuss pricing and agreement.