

THINGS YOU SHOULD KNOW

Clifford Materials Reactivity Testing is intended as a screening system to differentiate potentially unsafe materials (those containing components for which the patient has existing systemic sensitivity) from more desirable materials which show no evidence of any current sensitivity issues. It is not to be considered as means of specific diagnosis or prognosis of any disease or condition.

Caution should be used when considering this kind of testing for children because their bio-records are not fully mature. We have found that most people have come in contact with a sufficient variety of substances to develop their immunological record by the age of puberty.

We do not accept insurance assignment. Although many patients have received insurance and/or third-party reimbursement, our services are not approved for Medicare, Medicaid, MediCal or CHAMPUS participation.

Clifford Consulting and Research is a HIPAA compliant Laboratory. By federal law, we do not discuss confidential information or release test results to anyone other than those authorized by law to receive them. Questions regarding receipt of specimens, contents of test results or other such information, should be directed to the ordering professional.

ABOUT CCR

We understand the awesome trust that patients place in their care providers and we take our role to ensure that those providers have the information they need seriously. Everything at Clifford Consulting & Research is focused on improving the depth, accessibility and dependability of the information we provide through CMRT. We know that the best information is of little use to health care providers unless it is timely, and relevant to the specific issues they face. That is why we have worked hard since 1988 to expand and improve our reported materials lists, services and methods.



Clifford
Consulting
& Research Inc.

Peace of Mind
is knowing that
the Dental and
Orthopedic
restorative
products used in
your body have
been screened
for your use



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Clifford
Materials Reactivity
Testing

SCREENED

for your use

WHY TEST

In modern health care, manufactured materials are commonly used to restore, repair or maintain structure or function in the body. These substances, known as bio-materials, are found in virtually every application ranging from dental restoratives to surgical implants and prosthetics.

Like fingerprints, biochemistries are individual and the effects of exposure to modern bio-materials (and their reactive by-products) vary from person to person. Exposure that proves benign to one individual may prove to be extremely harmful or toxic to another. Negative effects have been known to range from mild irritation to extreme reactions such as long term illness, dysfunction or damage. As new and complex materials and alloys are continually developed, the impact that these materials present upon an individual's body chemistry must be considered.

Only clinical testing and analysis of a patient's unique immunological record can reveal the chemical compounds against which antibodies have been formed. This, in turn, allows offending materials to be identified and reaction forecasts to be made. With this information, health care providers can make informed decisions about the bio-material they choose to meet the need of each patient. This can be especially important in cases when a patient exhibits atypical health complications or sensitivities.

Being tested for materials reactivity prior to any procedure involving the use of bio-materials is also one way patients can rest assured that the materials being used in their bodies are safe for them.

WHAT IS CMRT

Simply stated, Clifford Materials Reactivity Testing (CMRT) is a comprehensive clinical blood test that screens for individual systemic sensitivity to bio-materials through antibody detection.

The process begins with the blood serum sample sent by a licensed health care professional in the prepaid, overnight shipping kit we provide. Clifford Consulting & Research normally processes this sample on the day it is received to analyze the patient's unique antibody record. This is done by screening the blood sample against 89 chemical groups and families and measuring the reaction to each. These individual reactions are then cross-referenced against the largest professionally maintained database of trade name bio-medical composites, alloys and other materials of its kind in the world.

The result is a multi-sectional report that designates the donor patient's personal results of these potential positive or negative reactions to every material in the database alphabetically by trade name. This report is then expedited to the ordering doctor allowing them to choose materials that are clinically screened for greatest measure of safety for use in the patient's body, even in time-sensitive situations.

Despite the unprecedented depth of screening information that CMRT offers health care providers about their patient's sensitivities, it is not a diagnosis or prognosis of any condition. Any interpretation or inference of the data CMRT provides remains strictly the doctor's responsibility to determine.

SERVICES NOT AVAILABLE IN NEW YORK STATE

WHAT CAN CMRT DO FOR ME AND MY DOCTOR OR DENTIST

1. **CMRT** provides objective laboratory evaluation which is specific to you, the patient.
2. **CMRT** offers a measure of guidance for the doctor in choosing the treatment plan and materials before expensive and involved placements have been done.
3. **CMRT** helps facilitate informed choice and consent with all parties involved.
4. **CMRT** helps to minimize the risk of adverse outcomes and the necessity for expensive, exotic procedures and counter-measures after structure and foundation are lost.
5. **CMRT** is a valuable due-diligence process that contributes to the total quality-of-care.
6. **CMRT** substantially enhances 'peace of mind' for both patients and professionals.

GETTING TESTED

All blood testing for clinical purposes in the United States is prescriptive and must be ordered by a physician, dentist or other health care professional. We are happy to work with your health care professional who can legally order laboratory blood testing in your state or province. In cases where our test is new to your care provider, a courtesy professional information packet can be provided upon request. Health care professionals can also obtain immediate information and assistance by phone, fax, or online at www.cclab.com.

