

**More than diagnostic services: Intermed and LADR laboratory group
Dr. Kramer and colleagues / Opportunities and responsibilities for
laboratory analytics at the time of growing antibiotic resistance**

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Abstract:

The family group Dr. Kramer and colleagues provides management and medical services in private and hospital laboratories since 1945. Over 3,400 employees work in our 16 specialized reference, 34 basic and 31 hospital laboratories. We cooperate with medical laboratories in Scandinavia, Russia and Eastern Europe. We provide over 11,000 different tests to more than 20,000 medical physicians and 370 hospitals in Germany. At our specialized reference laboratories we perform diagnostic testing for around 25 million patients annually. Furthermore, our bioanalytic services include environment, hygiene, foods and water analytics. Our logistics partner Intermed serves 660 permanent routes and 25,000 stop points at medical sites on a daily basis. Our mail and parcel service guarantees nationwide delivery within 24-hours.

Antimicrobial resistance has become a threat to healthcare systems and patients worldwide. The reasons for this increase are multifactorial, but not yet fully understood. Strategies to reduce burden of antimicrobial resistance go well beyond national and international legislation. Effective measures are implemented on a regional level within local healthcare networks. Antimicrobial stewardship, rapid and qualitative diagnostics as well as infection prevention and control are key elements in fighting resistances. This expert knowledge and experience is present at our medical laboratories underlines the importance in the fight against antimicrobial resistance.