

CATECHOLAMINES ELISA

ESSENTIAL INFORMATION

In humans the catecholamines adrenaline (epinephrine), noradrenaline (norepinephrine) and dopamine are neurotransmitters of the sympathetic nervous system and are involved in many physiological processes. Next to the metanephrine/normetanephrine the catecholamines are important for the diagnosis and the follow-up of tumors of the sympathoadrenal system like the pheochromocytomas.

The quantitative determination of catecholamines in urine is preferred for the diagnosis of these tumors, whereas the determination of catecholamines in plasma is medically sensible for the localization of the tumor and for function testing. Values above the cut-off can provide an indication for neuroendocrine tumors.

However, in literature various diseases like hypertension, cardiovascular diseases, schizophrenia and manic depression are described with abnormal low or high levels of catecholamines.

CATECHOLAMINES ELISA

ADVANTAGES

- Flexible test systems for plasma, urine and other biological fluids
- Test kits can be used in research with almost any biological fluid, including tissue homogenates and micro-dialysates
- Fast Track formats reduce incubation times
- Freedom from drug interferences
- Elegant and efficient extraction method
- Excellent sensitivity / specificity
- Quality – produced according to DIN EN ISO 13485 and DIN EN ISO 9001
- Customer Service! – We use the kits we sell, and we always offer a 24-hour turn-around on almost all technical questions



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BIOGENIC AMINES & NEUROSCIENCE