

Nº Orçamento: PUB26-0645

Data: 02/04/2026

Atendimento / Solicitante: Secretaria de Saúde do Estado de São Paulo

Ticket Nº: #657406

PACIENTE: D.S.S.

Outras informações:

QUANTIDADE	TESTE	CUSTO UNITÁRIO (R\$)	CUSTO TOTAL(R\$)
1	Painel de Doenças Mitocondriais (DNA Nuclear e Mitocondrial)	R\$ 3.690,00	R\$ 3.690,00

## Serviços e parâmetros

## METODOLOGIA

O Painel de Doenças Mitocondriais (DNA Nuclear e Mitocondrial) analisa, através da técnica de NGS, genes relacionados a doenças mitocondriais causadas tanto por mutações em DNA nuclear quanto em DNA mitocondrial, incluindo deficiências de complexos mitocondriais, defeitos de fosforilação oxidativa, síndromes de depleção mitocondrial, síndrome de Leigh, MELAS (Miopatia mitocondrial, encefalopatia, acidose láctica e episódios semelhantes a apoplexias), neuropatia óptica hereditária de Leber, entre outros.

Genes AARS2 ABAT ABCB7 ACACA ACAD9 ACADM ACADVL ACAT1 ACO2 ADAR AFG3L2 AGK AIFM1 AK2 ALDH3A2 AMT APTX ATP5F1A ATP5F1D ATP5F1E ATP7A ATP7B ATPAF2 AUH BAG3 BCS1L BOLA3 BTO C19orf12 C10BP CA5A CARS2 CEP95 CHAT CHCHD10 CHKB CLPB CLPP COA3 COA5 COA6 COA7 COA8 COASY COQ2 COQ4 COQ5 COQ6 COQ7 COQ8A COQ8B COQ9 COX10 COX14 COX15 COX20 COX41 COX42 COX5A COX6B1 COX7B COX8A CPS1 CPT1A CVCI CYCS D2HGDH DARS2 DDC DES DDUK1 DLAT DLD DNA2 DNAJ9 DNML1 EARS2 ECHS1 ELAC2 ETFB ETFBD ETHE1 FARS2 FASTKD2 FBXL4 FDX2 FDXR FH FLAD1 FOXRED1 GALT GARS1 GATB GATC GATM GCDH GDAPI GFER GFMI GF2 GLOC GLRX5 GTPBP3 GYG2 HADH HADHA HADHB HARS2 HCCS HIBCH HLCS HMGCS2 HSD17B10 HSPD1 HTRA2 IARS1 IARS2 IBA57 IDH2 IDH3B IFIH1 ISCA1 ISCA2 ISCU KARS1 L2HGDH LAMP2 LARS2 LIAS LIPT1 LIPT2 LMBRD1 LONPI LRPPRC LYRM4 LYRM7 MARS2 MDH2 MECP1 MFF MFN2 MGME1 MICOS3 MICO1 MIPEP MOCS1 MPC1 MPV17 MRM2 MRPL12 MRPL3 MRPL4 MRPS14 MRPS16 MRPS2 MRPS22 MRPS23 MRPS34 MRPS7 MSTO1 MT-ATP6 MT-ATP8 MT-CO1 MT-CO2 MT-CO3 MT-CYB MT-ND1 MT-ND2 MT-ND3 MT-ND4 MT-ND5 MT-ND6 MT-TA MT-TC MT-TD MT-TE MT-TF MT-TG MT-TM MT-TN MT-TP MT-TQ MT-TS1 MT-TS2 MT-TV MT-TW MT-TY MTFMT MTHFD1 MTO1 MTPAP MTRFR NADK2 NARS2 NAXE NDUFA1 NDUFA10 NDUFA11 NDUFA12 NDUFA13 NDUFA2 NDUFA4 NDUFA6 NDUFA9 NDUFA11 NDUFA12 NDUFA13 NDUFA14 NDUFA15 NDUFA16 NDUFA17 NDUFA18 NDUFA19 NDUFA20 NDUFA21 NDUFA22 NDUFA23 NDUFA24 NDUFA25 NDUFA26 NDUFA27 NDUFA28 NDUFA29 NDUFA30 NDUFA31 NDUFA32 NDUFA33 NDUFA34 NDUFA35 NDUFA36 NDUFA37 NDUFA38 NDUFA39 NDUFA40 NDUFA41 NDUFA42 NDUFA43 NDUFA44 NDUFA45 NDUFA46 NDUFA47 NDUFA48 NDUFA49 NDUFA50 NDUFA51 NDUFA52 NDUFA53 NDUFA54 NDUFA55 NDUFA56 NDUFA57 NDUFA58 NDUFA59 NDUFA60 NDUFA61 NDUFA62 NDUFA63 NDUFA64 NDUFA65 NDUFA66 NDUFA67 NDUFA68 NDUFA69 NDUFA70 NDUFA71 NDUFA72 NDUFA73 NDUFA74 NDUFA75 NDUFA76 NDUFA77 NDUFA78 NDUFA79 NDUFA80 NDUFA81 NDUFA82 NDUFA83 NDUFA84 NDUFA85 NDUFA86 NDUFA87 NDUFA88 NDUFA89 NDUFA90 NDUFA91 NDUFA92 NDUFA93 NDUFA94 NDUFA95 NDUFA96 NDUFA97 NDUFA98 NDUFA99 NDUFA100 NDUFA101 NDUFA102 NDUFA103 NDUFA104 NDUFA105 NDUFA106 NDUFA107 NDUFA108 NDUFA109 NDUFA110 NDUFA111 NDUFA112 NDUFA113 NDUFA114 NDUFA115 NDUFA116 NDUFA117 NDUFA118 NDUFA119 NDUFA120 NDUFA121 NDUFA122 NDUFA123 NDUFA124 NDUFA125 NDUFA126 NDUFA127 NDUFA128 NDUFA129 NDUFA130 NDUFA131 NDUFA132 NDUFA133 NDUFA134 NDUFA135 NDUFA136 NDUFA137 NDUFA138 NDUFA139 NDUFA140 NDUFA141 NDUFA142 NDUFA143 NDUFA144 NDUFA145 NDUFA146 NDUFA147 NDUFA148 NDUFA149 NDUFA150 NDUFA151 NDUFA152 NDUFA153 NDUFA154 NDUFA155 NDUFA156 NDUFA157 NDUFA158 NDUFA159 NDUFA160 NDUFA161 NDUFA162 NDUFA163 NDUFA164 NDUFA165 NDUFA166 NDUFA167 NDUFA168 NDUFA169 NDUFA170 NDUFA171 NDUFA172 NDUFA173 NDUFA174 NDUFA175 NDUFA176 NDUFA177 NDUFA178 NDUFA179 NDUFA180 NDUFA181 NDUFA182 NDUFA183 NDUFA184 NDUFA185 NDUFA186 NDUFA187 NDUFA188 NDUFA189 NDUFA190 NDUFA191 NDUFA192 NDUFA193 NDUFA194 NDUFA195 NDUFA196 NDUFA197 NDUFA198 NDUFA199 NDUFA200 NDUFA201 NDUFA202 NDUFA203 NDUFA204 NDUFA205 NDUFA206 NDUFA207 NDUFA208 NDUFA209 NDUFA210 NDUFA211 NDUFA212 NDUFA213 NDUFA214 NDUFA215 NDUFA216 NDUFA217 NDUFA218 NDUFA219 NDUFA220 NDUFA221 NDUFA222 NDUFA223 NDUFA224 NDUFA225 NDUFA226 NDUFA227 NDUFA228 NDUFA229 NDUFA230 NDUFA231 NDUFA232 NDUFA233 NDUFA234 NDUFA235 NDUFA236 NDUFA237 NDUFA238 NDUFA239 NDUFA240 NDUFA241 NDUFA242 NDUFA243 NDUFA244 NDUFA245 NDUFA246 NDUFA247 NDUFA248 NDUFA249 NDUFA250 NDUFA251 NDUFA252 NDUFA253 NDUFA254 NDUFA255 NDUFA256 NDUFA257 NDUFA258 NDUFA259 NDUFA260 NDUFA261 NDUFA262 NDUFA263 NDUFA264 NDUFA265 NDUFA266 NDUFA267 NDUFA268 NDUFA269 NDUFA270 NDUFA271 NDUFA272 NDUFA273 NDUFA274 NDUFA275 NDUFA276 NDUFA277 NDUFA278 NDUFA279 NDUFA280 NDUFA281 NDUFA282 NDUFA283 NDUFA284 NDUFA285 NDUFA286 NDUFA287 NDUFA288 NDUFA289 NDUFA290 NDUFA291 NDUFA292 NDUFA293 NDUFA294 NDUFA295 NDUFA296 NDUFA297 NDUFA298 NDUFA299 NDUFA300 NDUFA301 NDUFA302 NDUFA303 NDUFA304 NDUFA305 NDUFA306 NDUFA307 NDUFA308 NDUFA309 NDUFA310 NDUFA311 NDUFA312 NDUFA313 NDUFA314 NDUFA315 NDUFA316 NDUFA317 NDUFA318 NDUFA319 NDUFA320 NDUFA321 NDUFA322 NDUFA323 NDUFA324 NDUFA325 NDUFA326 NDUFA327 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NDUFA772 NDUFA773 NDUFA774 NDUFA775 NDUFA776 NDUFA777 NDUFA778 NDUFA779 NDUFA780 NDUFA781 NDUFA782 NDUFA783 NDUFA784 NDUFA785 NDUFA786 NDUFA787 NDUFA788 NDUFA789 NDUFA790 NDUFA791 NDUFA792 NDUFA793 NDUFA794 NDUFA795 NDUFA796 NDUFA797 NDUFA798 NDUFA799 NDUFA800 NDUFA801 NDUFA802 NDUFA803 NDUFA804 NDUFA805 NDUFA806 NDUFA807 NDUFA808 NDUFA809 NDUFA810 NDUFA811 NDUFA812 NDUFA813 NDUFA814 NDUFA815 NDUFA816 NDUFA817 NDUFA818 NDUFA819 NDUFA820 NDUFA821 NDUFA822 NDUFA823 NDUFA824 NDUFA825 NDUFA826 NDUFA827 NDUFA828 NDUFA829 NDUFA830 NDUFA831 NDUFA832 NDUFA833 NDUFA834 NDUFA835 NDUFA836 NDUFA837 NDUFA838 NDUFA839 NDUFA840 NDUFA841 NDUFA842 NDUFA843 NDUFA844 NDUFA845 NDUFA846 NDUFA847 NDUFA848 NDUFA849 NDUFA850 NDUFA851 NDUFA852 NDUFA853 NDUFA854 NDUFA855 NDUFA856 NDUFA857 NDUFA858 NDUFA859 NDUFA860 NDUFA861 NDUFA862 NDUFA863 NDUFA864 NDUFA865 NDUFA866 NDUFA867 NDUFA868 NDUFA869 NDUFA870 NDUFA871 NDUFA872 NDUFA873 NDUFA874 NDUFA875 NDUFA876 NDUFA877 NDUFA878 NDUFA879 NDUFA880 NDUFA881 NDUFA882 NDUFA883 NDUFA884 NDUFA885 NDUFA886 NDUFA887 NDUFA888 NDUFA889 NDUFA890 NDUFA891 NDUFA892 NDUFA893 NDUFA894 NDUFA895 NDUFA896 NDUFA897 NDUFA898 NDUFA899 NDUFA900 NDUFA901 NDUFA902 NDUFA903 NDUFA904 NDUFA905 NDUFA906 NDUFA907 NDUFA908 NDUFA909 NDUFA910 NDUFA911 NDUFA912 NDUFA913 NDUFA914 NDUFA915 NDUFA916 NDUFA917 NDUFA918 NDUFA919 NDUFA920 NDUFA921 NDUFA922 NDUFA923 NDUFA924 NDUFA925 NDUFA926 NDUFA927 NDUFA928 NDUFA929 NDUFA930 NDUFA931 NDUFA932 NDUFA933 NDUFA934 NDUFA935 NDUFA936 NDUFA937 NDUFA938 NDUFA939 NDUFA940 NDUFA941 NDUFA942 NDUFA943 NDUFA944 NDUFA945 NDUFA946 NDUFA947 NDUFA948 NDUFA949 NDUFA950 NDUFA951 NDUFA952 NDUFA953 NDUFA954 NDUFA955 NDUFA956 NDUFA957 NDUFA958 NDUFA959 NDUFA960 NDUFA961 NDUFA962 NDUFA963 NDUFA964 NDUFA965 NDUFA966 NDUFA967 NDUFA968 NDUFA969 NDUFA970 NDUFA971 NDUFA972 NDUFA973 NDUFA974 NDUFA975 NDUFA976 NDUFA977 NDUFA978 NDUFA979 NDUFA980 NDUFA981 NDUFA982 NDUFA983 NDUFA984 NDUFA985 NDUFA986 NDUFA987 NDUFA988 NDUFA989 NDUFA990 NDUFA991 NDUFA992 NDUFA993 NDUFA994 NDUFA995 NDUFA996 NDUFA997 NDUFA998 NDUFA999 NDUFA1000 NDUFA1001 NDUFA1002 NDUFA1003 NDUFA1004 NDUFA1005 NDUFA1006 NDUFA1007 NDUFA1008 NDUFA1009 NDUFA1010 NDUFA1011 NDUFA1012 NDUFA1013 NDUFA1014 NDUFA1015 NDUFA1016 NDUFA1017 NDUFA1018 NDUFA1019 NDUFA1020 NDUFA1021 NDUFA1022 NDUFA1023 NDUFA1024 NDUFA1025 NDUFA1026 NDUFA1027 NDUFA1028 NDUFA1029 NDUFA1030 NDUFA1031 NDUFA1032 NDUFA1033 NDUFA1034 NDUFA1035 NDUFA1036 NDUFA1037 NDUFA1038 NDUFA1039 NDUFA1040 NDUFA1041 NDUFA1042 NDUFA1043 NDUFA1044 NDUFA1045 NDUFA1046 NDUFA1047 NDUFA1048 NDUFA1049 NDUFA1050 NDUFA1051 NDUFA1052 NDUFA1053 NDUFA1054 NDUFA1055 NDUFA1056 NDUFA1057 NDUFA1058 NDUFA1059 NDUFA1060 NDUFA1061 NDUFA1062 NDUFA1063 NDUFA1064 NDUFA1065 NDUFA1066 NDUFA1067 NDUFA1068 NDUFA1069 NDUFA1070 NDUFA1071 NDUFA1072 NDUFA1073 NDUFA1074 NDUFA1075 NDUFA1076 NDUFA1077 NDUFA1078 NDUFA1079 NDUFA1080 NDUFA1081 NDUFA1082 NDUFA1083 NDUFA1084 NDUFA1085 NDUFA1086 NDUFA1087 NDUFA1088 NDUFA1089 NDUFA1090 NDUFA1091 NDUFA1092 NDUFA1093 NDUFA1094 NDUFA1095 NDUFA1096 NDUFA1097 NDUFA1098 NDUFA1099 NDUFA1100 NDUFA1101 NDUFA1102 NDUFA1103 NDUFA1104 NDUFA1105 NDUFA1106 NDUFA1107 NDUFA1108 NDUFA1109 NDUFA1110 NDUFA1111 NDUFA1112 NDUFA1113 NDUFA1114 NDUFA1115 NDUFA1116 NDUFA1117 NDUFA1118 NDUFA1119 NDUFA1120 NDUFA1121 NDUFA1122 NDUFA1123 NDUFA1124 NDUFA1125 NDUFA1126 NDUFA1127 NDUFA1128 NDUFA1129 NDUFA1130 NDUFA1131 NDUFA1132 NDUFA1133 NDUFA1134 NDUFA1135 NDUFA1136 NDUFA1137 NDUFA1138 NDUFA1139 NDUFA1140 NDUFA1141 NDUFA1142 NDUFA1143 NDUFA1144 NDUFA1145 NDUFA1146 NDUFA1147 NDUFA1148 NDUFA1149 NDUFA1150 NDUFA1151 NDUFA1152 NDUFA1153 NDUFA1154 NDUFA1155 NDUFA1156 NDUFA1157 NDUFA1158 NDUFA1159 NDUFA1160 NDUFA1161 NDUFA1162 NDUFA1163 NDUFA1164 NDUFA1165 NDUFA1166 NDUFA1167 NDUFA1168 NDUFA1169 NDUFA1170 NDUFA1171 NDUFA1172 NDUFA1173 NDUFA1174 NDUFA1175 NDUFA1176 NDUFA1177 NDUFA1178 NDUFA1179 NDUFA1180 NDUFA1181 NDUFA1182 NDUFA1183 NDUFA1184 NDUFA1185 NDUFA1186 NDUFA1187 NDUFA1188 NDUFA1189 NDUFA1190 NDUFA1191 NDUFA1192 NDUFA1193 NDUFA1194 NDUFA1195 NDUFA1196 NDUFA1197 NDUFA1198 NDUFA1199 NDUFA1200 NDUFA1201 NDUFA1202 NDUFA1203 NDUFA1204 NDUFA1205 NDUFA1206 NDUFA1207 NDUFA1208 NDUFA1209 NDUFA1210 NDUFA1211 NDUFA1212 NDUFA1213 NDUFA1214 NDUFA1215 NDUFA1216 NDUFA1217 NDUFA1218 NDUFA1219 NDUFA1220 NDUFA1221 NDUFA1222 NDUFA1223 NDUFA1224 NDUFA1225 NDUFA1226 NDUFA1227 NDUFA1228 NDUFA1229 NDUFA1230 NDUFA1231 NDUFA1232 NDUFA1233 NDUFA1234 NDUFA1235 NDUFA1236 NDUFA1237 NDUFA1238 NDUFA1239 NDUFA1240 NDUFA1241 NDUFA1242 NDUFA1243 NDUFA1244 NDUFA1245 NDUFA1246 NDUFA1247 NDUFA1248 NDUFA1249 NDUFA1250 NDUFA1251 NDUFA1252 NDUFA1253 NDUFA1254 NDUFA1255 NDUFA1256 NDUFA1257 NDUFA1258 NDUFA1259 NDUFA1260 NDUFA1261 NDUFA1262 NDUFA1263 NDUFA1264 NDUFA1265 NDUFA1266 NDUFA1267 NDUFA1268 NDUFA1269 NDUFA1270 NDUFA1271 NDUFA1272 NDUFA1273 NDUFA1274 NDUFA1275 NDUFA1276 NDUFA1277 NDUFA1278 NDUFA1279 NDUFA1280 NDUFA1281 NDUFA1282 NDUFA1283 NDUFA1284 NDUFA1285 NDUFA1286 NDUFA1287 NDUFA1288 NDUFA1289 NDUFA1290 NDUFA1291 NDUFA1292 NDUFA1293 NDUFA1294 NDUFA1295 NDUFA1296 NDUFA1297 NDUFA1298 NDUFA1299 NDUFA1300 NDUFA1301 NDUFA1302 NDUFA1303 NDUFA1304 NDUFA1305 NDUFA1306 NDUFA1307 NDUFA1308 NDUFA1309 NDUFA1310 NDUFA1311 NDUFA1312 NDUFA1313 NDUFA1314 NDUFA1315 NDUFA1316 NDUFA1317 NDUFA1318 NDUFA1319 NDUFA1320 NDUFA1321 NDUFA1322 NDUFA1323 NDUFA1324 NDUFA1325 NDUFA1326 NDUFA1327 NDUFA1328 NDUFA1329 NDUFA1330 NDUFA1331 NDUFA1332 NDUFA1333 NDUFA1334 NDUFA1335 NDUFA1336 NDUFA1337 NDUFA1338 NDUFA1339 NDUFA1340 NDUFA1341 NDUFA1342 NDUFA1343 NDUFA1344 NDUFA1345 NDUFA1346 NDUFA1347 NDUFA1348 NDUFA1349 NDUFA1350 NDUFA1351 NDUFA1352 NDUFA1353 NDUFA1354 NDUFA1355 NDUFA1356 NDUFA1357 NDUFA1358 NDUFA1359 NDUFA1360 NDUFA1361 NDUFA1362 NDUFA1363 NDUFA1364 NDUFA1365 NDUFA1366 NDUFA1367 NDUFA1368 NDUFA1369 NDUFA1370 NDUFA1371 NDUFA1372 NDUFA1373 NDUFA1374 NDUFA1375 NDUFA1376 NDUFA1377 NDUFA1378 NDUFA1379 NDUFA1380 NDUFA1381 NDUFA1382 NDUFA1383 NDUFA1384 NDUFA1385 NDUFA1386 NDUFA1387 NDUFA1388 NDUFA1389 NDUFA1390 NDUFA1391 NDUFA1392 NDUFA1393 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