

# MEDICAL TECHNOLOGY

## Medical Technology 2009

**DRAFT NATIONAL REFERENCE PRICE LIST FOR SERVICES BY MEDICAL LABORATORY TECHNOLOGISTS, WITH EFFECT FROM 1 JANUARY 2009**

The following reference price list is not a set of tariffs that must be applied by medical schemes and/or providers. It is rather intended to serve as a baseline against which medical schemes can individually determine benefit levels and health service providers can individually determine fees charged to patients. Medical schemes may, for example, determine in their rules that their benefit in respect of a particular health service is equivalent to a specified percentage of the national health reference price list. It is especially intended to serve as a basis for negotiation between individual funders and individual health care providers with a view to facilitating agreements which will minimise balance billing against members of medical schemes. Should individual medical schemes wish to determine benefit structures, and individual providers determine fee structures, on some other basis without reference to this list, they may do so as well.

In calculating the prices in this schedule, the following rounding method is used: Values R10 and below rounded to the nearest cent, R10+ rounded to the nearest 10cent. Modifier values are rounded to the nearest cent. When new item prices are calculated, e.g. when applying a modifier, the same rounding scheme should be followed.

VAT EXCLUSIVE PRICES APPEAR IN BRACKETS

**Preamble**

It is recommended that, when such benefits are granted, the following should be clearly specified in the scheme's rules.

- Services must only be on referral.

**General Rules**

001	Each practitioner must acquaint him-/herself with the provisions of the Medical Schemes Act and the regulations promulgated under the Act and shall render a monthly account in respect of any service rendered. NB: Every account shall contain the following particulars:  The account or statement contemplated in section 59(1) of the Act must contain the following - (a) The surname and initials of the member; (b) the surname, first name and other initials, if any, of the patient; (c) the name of the scheme concerned; (d) the membership number of the member; (e) the practice code number, group practice number and individual provider registration number issued by the registering authorities for providers, if applicable, of the supplier of service and, in the case of a group practice, the name of the practitioner who provided the service; (f) the relevant diagnostic and such other item code numbers that relates to such relevant health service; (g) the date on which each relevant health service was rendered; (h) the nature and cost of each relevant health service rendered, including the supply of medicine to the member concerned or to a dependant of that member; and the name, quantity and dosage of and net amount payable by the member in respect of, the medicine;	04.00
002	No "shopping list" must be distributed to doctors and no group tests will be carried out.	04.00
003	No charge to be raised in respect of services such as sample handling and after hours services.	04.00
004	Interaction with patient for collecting of specimens shall be limited to those specimens that are physiologically expelled, such as sputum and urine and taking of venous and peripheral blood.	05.02
005	It is recommended that, when such benefits are granted, drugs, consumables and disposable items used during a procedure or issued to a patient on discharge will only be reimbursed by a medical scheme if the appropriate code is supplied on the account.	04.00

**Haematology**

Code	Description	Ver	Add	Medical Technology	
				RVU	Fee
3705	Alkali resistant haemoglobin	04.00		4.500	33.00 (28.90)
3709	Antiglobulin test (Coombs' or trypsinized red cells)	04.00		3.650	26.80 (23.50)
3710	Antibody titration	04.00		7.200	52.80 (46.30)
3712	Antibody identification	04.00		8.450	62.00 (54.40)
3713	Bleeding time (does not include the cost of the simplate device)	04.00		6.940	50.90 (44.60)
3714	Blood volume, dye method	04.00		7.200	52.80 (46.30)
3715	Buffy layer examination	04.00		19.900	145.90 (128.00)
3717	Bone marrow cytological examination only	04.00		19.900	145.90 (128.00)
3722	Capillary fragility: Hess	04.00		2.020	14.80 (13.00)
3723	Circulating anticoagulants	04.00		5.850	42.90 (37.60)
3724	Coagulation factor inhibitor assay	04.00		57.560	422.00 (370.20)
3726	Activated protein C resistance	04.00		26.000	190.60 (167.20)
3727	Coagulation time	04.00		3.160	23.20 (20.40)
3729	Cold agglutinins	04.00		3.600	26.40 (23.20)

Code	Description	Ver	Add	Medical Technology	
				RVU	Fee
3730	Protein S: Functional	04.00		37.500	275.00 (241.20)
3731	Compatibility for blood transfusion	04.00		3.600	26.40 (23.20)
3732	Cryoglobulin	04.00		3.600	26.40 (23.20)
3734	Protein C (chromogenic)	04.00		30.290	222.10 (194.80)
3735	Anti-thrombin III (chromogenic)	04.00		22.000	161.30 (141.50)
3736	Plasminogen (chromogenic)	04.00		61.650	452.00 (396.50)
3737	Lupus Russel Viper method	04.00		17.000	124.60 (109.30)
3738	Lupus Kaolin Exner method	04.00		25.000	183.30 (160.80)
3739	Erythrocyte count	04.00		2.250	16.50 (14.50)
3740	Factors V and VII: Qualitative	04.00		7.200	52.80 (46.30)
3741	Coagulation factor assay: Functional	04.00		9.450	69.30 (60.80)
3743	Erythrocyte sedimentation rate	04.00		3.000	22.00 (19.30)
3744	Fibrin stabilizing factor (urea test)	04.00		4.500	33.00 (28.90)
3746	Fibrin monomers	04.00		2.700	19.80 (17.40)
3753	Osmotic fragility (before and after incubation)	04.00		18.000	132.00 (115.80)
3755	Full blood count (including items 3739, 3762, 3783, 3785, 3791)	04.00		10.500	77.00 (67.50)
3756	Full cross match	04.00		7.200	52.80 (46.30)
3757	Coagulation factors: Quantitative	04.00		32.200	236.10 (207.10)
3758	Factor VIII related antigen	04.00		60.460	443.30 (388.90)
3759	Coagulation factor correction study	04.00		11.720	85.90 (75.40)
3762	Haemoglobin estimation	04.00		1.800	13.20 (11.60)
3763	Contact activated product assay	04.00		16.200	118.80 (104.20)
3764	Grouping: A B and O antigens	04.00		3.600	26.40 (23.20)
3765	Grouping: Rh antigen	04.00		3.600	26.40 (23.20)
3767	Euglobulin Lysis time	04.00		25.580	187.60 (164.60)
3768	Haemoglobin A2 (column chromatography)	04.00		15.000	110.00 (96.50)
3769	Haemoglobin electrophoresis	04.00		26.820	196.60 (172.50)
3770	Haemoglobin-S (solubility test)	04.00		3.600	26.40 (23.20)
3772	Haptoglobin: Quantitative	04.00		9.450	69.30 (60.80)
3773	Ham's acidified serum test	04.00		8.000	58.70 (51.50)
3775	Heinz bodies	04.00		2.250	16.50 (14.50)
3776	Haemosiderin in urinary sediment	04.00		2.250	16.50 (14.50)
3783	Leucocyte differential count	04.00		6.200	45.50 (39.90)
3785	Leucocytes: Total count	04.00		1.800	13.20 (11.60)
3786	QBC malaria concentration and fluorescent staining	04.00		25.000	183.30 (160.80)

Code	Description	Ver	Add	Medical Technology	
				RVU	Fee
3787	LE-cells	04.00		8.300	60.90 (53.40)
3789	Neutrophil alkaline phosphatase	04.00		28.000	205.30 (180.10)
3791	Packed cell volume: Haematocrit	04.00		1.800	13.20 (11.60)
3792	Plasmodium falciparum: Monoclonal immunological identification	04.00		9.000	66.00 (57.90)
3793	Plasma haemoglobin	04.00		6.750	49.50 (43.40)
3795	Platelet aggregation per aggregant	04.00		12.140	89.00 (78.10)
3797	Platelet count	04.00		2.250	16.50 (14.50)
3799	Platelet adhesiveness	04.00		4.500	33.00 (28.90)
3801	Prothrombin consumption	04.00		5.850	42.90 (37.60)
3803	Prothrombin determination (two stages)	04.00		5.850	42.90 (37.60)
3805	Prothrombin index	04.00		6.000	44.00 (38.60)
3806	Therapeutic drug level: Dosage	04.00		4.500	33.00 (28.90)
3809	Reticulocyte count	04.00		3.000	22.00 (19.30)
3810	Schumm's test	04.00		3.600	26.40 (23.20)
3811	Sickling test	04.00		2.250	16.50 (14.50)
3814	Sucrose lysis test for PNH	04.00		3.600	26.40 (23.20)
3816	T and B-cells EAC markers (limited to ONE marker only for CD4/8 counts)	04.00		21.100	154.70 (135.70)
3820	Thrombo - Elastogram	04.00		26.000	190.60 (167.20)
3825	Fibrinogen titre	04.00		3.600	26.40 (23.20)
3829	Glucose 6-phosphate-dehydrogenase: Qualitative	04.00		8.000	58.70 (51.50)
3830	Glucose 6-phosphate-dehydrogenase: Quantitative	04.00		16.000	117.30 (102.90)
3832	Red cell pyruvate kinase: Quantitative	04.00		16.000	117.30 (102.90)
3834	Red cell Rhesus phenotype	04.00		9.900	72.60 (63.70)
3835	Haemoglobin F in blood smear	04.00		5.850	42.90 (37.60)
3837	Partial thromboplastin time	04.00		5.850	42.90 (37.60)
3841	Thrombin time (screen)	04.00		7.160	52.50 (46.10)
3843	Thrombin time (serial)	04.00		7.650	56.10 (49.20)
3847	Haemoglobin H	04.00		2.250	16.50 (14.50)
3851	Fibrin degeneration products (diffusion plate)	04.00		10.350	75.90 (66.60)
3853	Fibrin degeneration products (latex slide)	04.00		4.500	33.00 (28.90)
3854	XDP (Dimer test or equivalent latex slide test)	04.00		8.500	62.30 (54.60)
3855	Haemagglutination inhibition	04.00		9.900	72.60 (63.70)
<b>Microscopic and miscellaneous tests</b>					
3863	Autogenous vaccine	04.00		12.600	92.40 (81.10)
3864	Entomological examination	04.00		20.700	151.80 (133.20)
3865	Parasites in blood smear	04.00		5.600	41.10 (36.10)

Code	Description	Ver	Add	Medical Technology	
				RVU	Fee
3867	Miscellaneous (body fluids, urine, exudate, fungi, puss, scrapings, etc.)	04.00		4.900	35.90 (31.50)
3868	Fungus identification	04.00		8.300	60.90 (53.40)
3869	Faeces (including parasites)	04.00		4.900	35.90 (31.50)
3875	Inclusion bodies	04.00		4.500	33.00 (28.90)
3878	Crystal identification polarized light microscopy	04.00		4.500	33.00 (28.90)
3879	Campylobacter in stool: Fastidious culture	04.00		9.900	72.60 (63.70)
3880	Antigen detection with polyclonal antibodies	04.00		4.500	33.00 (28.90)
3881	Mycobacteria	04.00		3.000	22.00 (19.30)
3882	Antigen detection with monoclonal antibodies	04.00		10.800	79.20 (69.50)
3883	Concentration techniques for parasites	04.00		3.000	22.00 (19.30)
3884	Dark field, phase or interference contrast microscopy, Nomarski or Fontana	04.00		6.300	46.20 (40.50)
3885	Cytochemical stain	04.00		5.450	40.00 (35.10)
<b>Bacteriology</b>					
3887	Antibiotic susceptibility test: Per organism	04.00		8.000	58.70 (51.50)
3888	Adhesive tape preparation	04.00		2.700	19.80 (17.40)
3889	Clostridium difficile toxin: Monoclonal immunological	04.00		12.400	90.90 (79.70)
3890	Antibiotic assay of tissues and fluids	04.00		13.900	101.90 (89.40)
3891	Blood culture: Aerobic	04.00		5.850	42.90 (37.60)
3892	Blood culture: Anaerobic	04.00		5.850	42.90 (37.60)
3893	Bacteriological culture: Miscellaneous	04.00		6.300	46.20 (40.50)
3894	Radiometric blood culture	04.00		10.800	79.20 (69.50)
3895	Bacteriological culture: Fastidious organisms	04.00		9.900	72.60 (63.70)
3896	In vivo culture: Bacteria	04.00		16.000	117.30 (102.90)
3897	In vivo culture: Virus	04.00		16.000	117.30 (102.90)
3899	Bacterial exotoxin production (in vivo assay)	04.00		20.700	151.80 (133.20)
3901	Fungal culture	04.00		4.500	33.00 (28.90)
3902	Clostridium difficile (cytotoxicity neutralisation)	04.00		30.000	220.00 (193.00)
3903	Antibiotic level: Biological fluids	04.00		11.700	85.80 (75.30)
3904	Rotavirus latex slide test	04.00		5.620	41.20 (36.10)
3905	Identification of virus or rickettsia	04.00		20.700	151.80 (133.20)
3906	Identification: Chlamydia	04.00		16.000	117.30 (102.90)
3907	Culture for staphylococcus aureus	04.00		2.250	16.50 (14.50)
3908	Anaerobe culture: Comprehensive	04.00		9.900	72.60 (63.70)
3909	Anaerobe culture: Limited procedure	04.00		4.500	33.00 (28.90)
3911	Beta-lactamase assay	04.00		4.500	33.00 (28.90)
3914	Sterility control test: Biological method	04.00		4.500	33.00 (28.90)

Code	Description	Ver	Add	Medical Technology	
				RVU	Fee
3915	Mycobacterium culture	04.00		4.500	33.00 (28.90)
3916	Radiometric tuberculosis culture	04.00		10.800	79.20 (69.50)
3918	Mycoplasma culture: Comprehensive	04.00		9.900	72.60 (63.70)
3919	Identification of mycobacterium	04.00		9.900	72.60 (63.70)
3920	Mycobacterium: Antibiotic sensitivity	04.00		9.900	72.60 (63.70)
3921	Antibiotic synergistic study	04.00		20.700	151.80 (133.20)
3922	Viable cell count	04.00		1.350	9.90 (8.68)
3923	Biochemical identification of bacterium: Abridged	04.00		3.150	23.10 (20.30)
3924	Biochemical identification of bacterium: Extended	04.00		12.500	91.70 (80.40)
3925	Serological identification of bacterium: Abridged	04.00		3.150	23.10 (20.30)
3926	Serological identification of bacterium: Extended	04.00		10.200	74.80 (65.60)
3927	Grouping for streptococci	04.00		7.300	53.50 (46.90)
3928	Antimicrobial substances	04.00		3.800	27.90 (24.50)
3929	Radiometric mycobacterium identification	04.00		14.000	102.60 (90.00)
3930	Radiometric mycobacterium antibiotic sensitivity	04.00		25.000	183.30 (160.80)
3931	Helicobacter: Monoclonal immunological	04.00		12.400	90.90 (79.70)
4650	Antibiotic MIC per organism per antibiotic	04.00		8.000	58.70 (51.50)
4651	Non-radiometric automated blood cultures	04.00		13.900	101.90 (89.40)
4652	Rapid automated bacterial identification per organism	04.00		15.000	110.00 (96.50)
4653	Rapid automated antibiotic susceptibility per organism	04.00		17.000	124.60 (109.30)
4654	Rapid automated MIC per organism per antibiotic	04.00		17.000	124.60 (109.30)
<b>Serology</b>					
3959	Rose Waaler agglutination test	04.00		4.500	33.00 (28.90)
3960	Gonococcal, listeria or echinococcus agglutination	04.00		9.500	69.70 (61.10)
3961	Slide agglutination test	04.00		2.630	19.30 (16.90)
3963	Serum complement level: Each component	04.00		3.150	23.10 (20.30)
3967	Auto-antibody: Sensitized erythrocytes	04.00		4.500	33.00 (28.90)
3968	Herpes virus typing: Monoclonal immunological	04.00		20.690	151.70 (133.10)
3969	Western blot technique	04.00		74.000	542.60 (476.00)
3970	Epstein-Barr virus antibody titer	04.00		6.750	49.50 (43.40)
3932	Antibodies to human immunodeficiency virus (HIV): ELISA	04.00		14.100	103.40 (90.70)
3933	IgE: Total: EMIT or ELISA	04.00		11.700	85.80 (75.30)
3934	Auto antibodies by labelled antibodies	04.00		16.000	117.30 (102.90)
3935	Sperm antibodies	04.00		16.000	117.30 (102.90)
3936	Virus neutralisation test: First antibody	04.00		75.000	549.90 (482.40)
3937	Virus neutralisation test: Each additional antibody	04.00		15.000	110.00 (96.50)

Code	Description	Ver	Add	Medical Technology	
				RVU	Fee
3938	Precipitation test per antigen	04.00		4.500	33.00 (28.90)
3939	Agglutination test per antigen	04.00		5.500	40.30 (35.40)
3940	Haemagglutination test: Per antigen	04.00		9.900	72.60 (63.70)
3941	Modified Coombs' test for brucellosis	04.00		4.500	33.00 (28.90)
3943	Antibody titer to bacterial exotoxin	04.00		3.600	26.40 (23.20)
3944	IgE: Specific antibody titer: ELISA/EMIT Per Ag	04.00		12.400	90.90 (79.70)
3945	Complement fixation test	04.00		5.850	42.90 (37.60)
3946	IgM: Specific antibody titer:ELISA/EMIT Per Ag	04.00		14.050	103.00 (90.40)
3947	C-reactive protein	04.00		10.840	79.50 (69.70)
3948	IgG: Specific antibody titer: ELISA/EMIT Per Ag	04.00		12.950	94.90 (83.20)
3949	Qualitative Kahn, VDRL or other flocculation	04.00		2.250	16.50 (14.50)
3950	Neutrophil phagocytosis	04.00		25.200	184.80 (162.10)
3951	Quantitative Kahn, VDRL or other flocculation	04.00		3.600	26.40 (23.20)
3952	Neutrophil chemotaxis	04.00		67.950	498.20 (437.00)
3953	Tube agglutination test	04.00		4.150	30.40 (26.70)
3955	Paul Bunnell: Presumptive	04.00		2.250	16.50 (14.50)
3956	Infectious mononucleosis latex slide test (Monospot or equivalent)	04.00		8.500	62.30 (54.60)
3971	Immuno-diffusion test: Per antigen	04.00		3.150	23.10 (20.30)
3972	Respiratory syncytial virus (ELISA technique)	04.00		35.000	256.60 (225.10)
3973	Immuno electrophoresis: Per immune serum	04.00		9.450	69.30 (60.80)
3974	Polymerase chain reaction	04.00		75.000	549.90 (482.40)
3975	Indirect immuno-fluorescence test (bacterial, viral, parasitic)	04.00		12.000	88.00 (77.20)
3978	Lymphocyte transformation	04.00		51.700	379.10 (332.50)
4601	Panel typing: Antibody detection: Class I	04.00		36.000	264.00 (231.60)
4602	Panel typing: Antibody detection: Class II	04.00		44.000	322.60 (283.00)
4603	HLA test for specific locus/antigen - serology	04.00		27.000	198.00 (173.70)
4604	HLA typing: Class I - serology	04.00		52.000	381.30 (334.50)
4605	HLA typing: Class II - serology	04.00		52.000	381.30 (334.50)
4606	HLA typing: Class I & II - serology	04.00		90.000	659.90 (578.90)
4607	Cross matching T-cells (per tray)	04.00		18.000	132.00 (115.80)
4608	Cross matching B-cells	04.00		38.000	278.60 (244.40)
4609	Cross matching T- & B-cells	04.00		48.000	351.90 (308.70)
<b>Biochemical tests: Blood</b>					
3991	Abnormal pigments: Qualitative	04.00		4.500	33.00 (28.90)
3993	Abnormal pigments: Quantitative	04.00		9.000	66.00 (57.90)
3995	Acid phosphate	04.00		5.180	38.00 (33.30)

Code	Description	Ver	Add	Medical Technology	
				RVU	Fee
3998	Amino acids Quantitative (Post derivatisation HPLC)	04.00		78.120	572.80
3999	Albumin	04.00		4.800	(502.50)
4000	Alcohol	04.00			35.20
4001	Alkaline phosphatase	04.00		12.400	(30.90)
4002	Alkaline phosphatase-iso-enzymes	04.00			90.90
4003	Ammonia: Enzymatic	04.00		5.180	(79.70)
4004	Ammonia: Monitor	04.00		11.700	38.00
4005	Alpha-1-antitrypsin: Total	04.00		7.710	(33.30)
4006	Amylase	04.00		7.710	85.80
4007	Arsenic in blood, hair or nails	04.00		4.500	(75.30)
4009	Bilirubin: Total	04.00		7.200	56.50
4010	Bilirubin: Conjugated	04.00		4.500	(49.60)
4014	Cadmium: Atomic absorption	04.00		7.200	33.00
4016	Calcium: Ionized	04.00		5.180	(28.90)
4017	Calcium: Spectrophotometric	04.00		7.200	52.80
4018	Calcium: Atomic absorption	04.00		5.180	(46.30)
4019	Carotene	04.00		36.250	38.00
4020	Carnitine (Total or free) in biological fluid: Each	04.00		36.250	(33.30)
4021	Carnitine (Total or free) in muscle: Each	04.00		4.770	265.80
4022	Acyl Carnitine	04.00		4.770	(233.20)
4023	Chloride	04.00		3.620	35.00
4026	LDL cholesterol (chemical determination)	04.00		3.620	(30.70)
4027	Cholesterol total	04.00		3.620	26.50
4028	HDL cholesterol	04.00		7.250	(23.20)
4029	Cholinesterase: Serum or erythrocyte: Each	04.00		18.120	132.90
4030	Cholinesterase phenotype (Dibucaine or fluoride each)	04.00		18.120	(116.60)
4031	Total CO2	04.00		6.750	49.50
4032	Creatinine	04.00		6.750	(43.40)
4040	Homocysteine (random)	04.00		3.620	26.50
4041	Homocysteine (after Methionine load)	04.00		3.620	(23.20)
4042	D-Xylose absorption test: Two hours	04.00		7.250	53.20
4045	Fibrinogen: Quantitative	04.00		2.250	(46.70)
4049	Glucose tolerance test (2 specimens)	04.00		2.250	16.50
4050	Glucose strip-test with photometric reading	04.00		11.690	(14.50)
4051	Galactose	04.00		11.690	85.70



Code	Description	Ver	Add	Medical Technology	
				RVU	Fee
4052	Glucose tolerance test (3 specimens)	04.00		13.170	96.60 (84.70)
4053	Glucose tolerance test (4 specimens)	04.00		17.370	127.40 (111.80)
4057	Glucose: Quantitative	04.00		3.620	26.50 (23.20)
4061	Glucose tolerance test (5 specimens)	04.00		21.560	158.10 (138.70)
4062	Galactose-1-phosphate uridyl transferase	04.00		16.000	117.30 (102.90)
4063	Fructosamine	04.00		7.200	52.80 (46.30)
4064	HbA1C	06.04		14.250	104.50 (91.70)
4066	Immunofixation: Total protein, IgG, IgA, IgM, Kappa, Lambda	04.00		46.880	343.70 (301.50)
4067	Lithium: Flame ionisation	04.00		5.180	38.00 (33.30)
4068	Lithium: Atomic absorption	04.00		7.480	54.80 (48.10)
4071	Iron	04.00		6.750	49.50 (43.40)
4073	Iron-binding capacity	04.00		7.650	56.10 (49.20)
4078	Oximetry analysis: MethHb, COHb, O2Hb, RHb, SulfHb	04.11		6.750	49.50 (43.40)
4079	Ketones in plasma: Qualitative	04.00		2.250	16.50 (14.50)
4081	Drug level-biological fluid: Quantitative	04.00		10.800	79.20 (69.50)
4083	Lysosomal enzyme assay	04.00		36.560	268.10 (235.20)
4085	Lipase	04.00		5.180	38.00 (33.30)
4091	Lipoprotein electrophoresis	04.00		9.000	66.00 (57.90)
4093	Osmolality: Serum or urine	04.00		6.750	49.50 (43.40)
4094	Magnesium: Spectrophotometric	04.00		3.620	26.50 (23.20)
4095	Magnesium: Atomic absorption	04.00		7.250	53.20 (46.70)
4096	Mercury: Atomic absorption	04.00		18.120	132.90 (116.60)
4098	Copper: Atomic absorption	04.00		18.120	132.90 (116.60)
4105	Protein electrophoresis	04.00		9.000	66.00 (57.90)
4106	IgG sub-class 1, 2, 3 or 4: Per sub-class	04.00		20.000	146.60 (128.60)
4109	Phosphate	04.00		3.620	26.50 (23.20)
4113	Potassium	04.00		3.620	26.50 (23.20)
4114	Sodium	04.00		3.620	26.50 (23.20)
4117	Protein: Total	04.00		3.110	22.80 (20.00)
4121	pH, pCO2 or pO2: Each	04.00		6.750	49.50 (43.40)
4123	Pyruvic acid	04.00		4.500	33.00 (28.90)
4125	Salicylates	04.00		4.500	33.00 (28.90)
4127	Caeruloplasmin	04.00		4.500	33.00 (28.90)
4128	Phenylalanine: Quantitative	04.00		11.250	82.50 (72.40)
4130	Aspartate aminotransferase (AST)	04.00		5.400	39.60 (34.70)

Code	Description	Ver	Add	Medical Technology	
				RVU	Fee
4131	Alanine aminotransferase (ALT)	04.00		5.400	39.60
4132	Creatine kinase (CK)	04.00		5.400	(34.70) 39.60
4133	Lactate dehydrogenase (LD)	04.00		5.400	(34.70) 39.60
4134	Gamma glutamyl transferase (GGT)	04.00		5.400	(34.70) 39.60
4135	Aldolase	04.00		5.400	(34.70) 39.60
4136	Angiotensin converting enzyme (ACE)	04.00		9.000	(34.70) 66.00
4137	Lactate dehydrogenase isoenzyme	04.00		10.800	(57.90) 79.20
4138	CK-MB: Immunoinhibition/precipitation	04.11		10.800	(69.50) 79.20
4139	Adenosine deaminase	04.00		5.400	(69.50) 39.60
4143	Serum/plasma enzymes	04.00		5.400	(34.70) 39.60
4144	Transferrin	04.00		11.700	(34.70) 85.80
4146	Lead: Atomic absorption	04.00		15.000	(75.30) 110.00
4147	Triglyceride	04.00		7.930	(96.50) 58.10
4149	Red cell magnesium	04.00		11.700	(51.00) 85.80
4151	Urea	04.00		3.620	(75.30) 26.50
4152	CK-MB: Mass determination: Quantitative (Automated)	04.00		12.400	(23.20) 90.90
4153	CK-MB: Mass determination: Quantitative (Not automated)	04.00		17.470	(79.70) 128.10
4154	Myoglobin quantitative: Monoclonal immunological	04.00		12.400	(112.40) 90.90
4155	Uric acid	04.00		3.780	(79.70) 27.70
4157	Vitamin A-saturation test	04.00		15.300	(24.30) 112.20
4158	Vitamin E (tocopherol)	04.00		3.600	(98.40) 26.40
4159	Vitamin A	04.00		6.300	(23.20) 46.20
4161	Troponin isoforms: Each	04.00		20.000	(40.50) 146.60
4163	Apoprotein AI: Turbidometric method	04.00		8.280	(128.60) 60.70
4165	Apoprotein AII: Turbidometric method	04.00		8.280	(53.20) 60.70
4167	Apoprotein B: Turbidometric method	04.00		8.280	(53.20) 60.70
4170	Lipoprotein (a)(Lp(a)) assay	04.00		12.420	(53.20) 91.10
4171	Sodium + potassium + chloride + CO2 + urea	04.00		15.840	(79.90) 116.10
4172	ELISA/EMIT technique	04.00		12.420	(101.80) 91.10
4181	Quantitative protein estimation: Mancini method	04.00		7.760	(79.90) 56.90
4182	Quantitative protein estimation: Nephelometer or Turbidometric method	04.00		8.280	(49.90) 60.70
4183	Quantitative protein estimation: Labelled antibody	04.00		12.420	(53.20) 91.10
4185	Lactose	04.00		10.800	(79.90) 79.20
4187	Zinc: Atomic absorption	04.00		18.120	(69.50) 132.90
<b>Biochemical tests: Urine</b>					
4188	Urine dipstick, per stick (irrespective of the number of tests on stick)	04.00		1.500	(116.60) 11.00 (9.65)

Code	Description	Ver	Add	Medical Technology	
				RVU	Fee
4189	Abnormal pigments	04.00		4.500	33.00 (28.90)
4193	Alkapton test: Homogentisic acid	04.00		4.500	33.00 (28.90)
4194	Amino acids: Quantitative (Post derivatisation HPLC)	04.00		78.120	572.80 (502.50)
4195	Amino laevulinic acid	04.00		18.000	132.00 (115.80)
4197	Amylase	04.00		5.180	38.00 (33.30)
4198	Arsenic	04.00		18.120	132.90 (116.60)
4199	Ascorbic acid	04.00		2.250	16.50 (14.50)
4201	Bence-Jones protein	04.00		2.700	19.80 (17.40)
4204	Calcium: Atomic absorption	04.00		7.250	53.20 (46.70)
4205	Calcium: Spectrophotometric	04.00		3.620	26.50 (23.20)
4209	Lead: Atomic absorption	04.00		15.000	110.00 (96.50)
4211	Bile pigments: Qualitative	04.00		2.250	16.50 (14.50)
4213	Protein: Quantitative	04.00		2.250	16.50 (14.50)
4216	Mucopolysaccharides: Qualitative	04.00		3.600	26.40 (23.20)
4217	Oxalate	04.00		9.380	68.80 (60.40)
4218	Glucose: Quantitative	04.00		2.250	16.50 (14.50)
4219	Steroids: Chromatography (each)	04.00		7.200	52.80 (46.30)
4221	Creatinine	04.00		3.620	26.50 (23.20)
4223	Creatinine clearance	04.00		7.650	56.10 (49.20)
4227	Electrophoresis: Qualitative	04.00		4.500	33.00 (28.90)
4237	5-Hydroxy-indole-acetic acid: Screen test	04.00		2.700	19.80 (17.40)
4247	Ketones: Excluding dip-stick method	04.00		2.250	16.50 (14.50)
4248	Reducing substances	04.00		1.800	13.20 (11.60)
4251	Metanephrines: Column chromatography	04.00		22.050	161.70 (141.80)
4253	Aromatic amines (gas chromatography/mass spectrophotometry)	04.00		27.000	198.00 (173.70)
4254	Nitrosanaphthol test for tyrosine	04.00		2.250	16.50 (14.50)
4263	pH: Excluding dip-stick method	04.00		0.900	6.60 (5.79)
4265	Thin layer chromatography: One way	04.00		6.750	49.50 (43.40)
4266	Thin layer chromatography: Two way	04.00		11.250	82.50 (72.40)
4268	Organic acids: Quantitative: GCMS	04.00		109.380	802.00 (703.50)
4269	Phenylpyruvic acid: Ferric chloride	04.00		2.250	16.50 (14.50)
4271	Phosphate excretion index	04.00		22.050	161.70 (141.80)
4272	Porphobilinogen qualitative screen: Urine	04.00		5.000	36.70 (32.20)
4273	Porphobilinogen/ALA: Quantitative each	04.00		15.000	110.00 (96.50)
4283	Magnesium: Spectrophotometric	04.00		3.620	26.50 (23.20)
4284	Magnesium: Atomic absorption	04.00		7.250	53.20 (46.70)

Code	Description	Ver	Add	Medical Technology	
				RVU	Fee
4285	Identification of carbohydrate	04.00		7.650	56.10 (49.20)
4287	Identification of drug: Qualitative	04.00		4.500	33.00 (28.90)
4288	Identification of drug: Quantitative	04.00		10.800	79.20 (69.50)
4293	Urea clearance	04.00		5.400	39.60 (34.70)
4297	Copper: Spectrophotometric	04.00		3.620	26.50 (23.20)
4298	Copper: Atomic absorption	04.00		18.120	132.90 (116.60)
4301	Chloride	04.00		2.590	19.00 (16.70)
4309	Urobilinogen: Quantitative	04.00		6.750	49.50 (43.40)
4313	Phosphates	04.00		3.620	26.50 (23.20)
4315	Potassium	04.00		3.620	26.50 (23.20)
4316	Sodium	04.00		3.620	26.50 (23.20)
4319	Urea	04.00		3.620	26.50 (23.20)
4321	Uric acid	04.00		3.620	26.50 (23.20)
4323	Total protein and protein electrophoresis	04.00		11.250	82.50 (72.40)
4325	VMA: Quantitative	04.00		11.250	82.50 (72.40)
4326	Catecholamines (HPLC)	04.00		78.120	572.80 (502.50)
4327	Immunofixation: Total protein, IgG, IgA, IgM, Kappa, Lambda	04.11		46.880	343.70 (301.50)
4335	Cystine: Quantitative	04.00		12.600	92.40 (81.10)
4336	Dinitrophenol hydrazine test: Ketoacids	04.00		2.250	16.50 (14.50)
<b>Biochemical tests: Faeces</b>					
4339	Chloride	04.00		2.590	19.00 (16.70)
4343	Fat: Qualitative	04.00		3.150	23.10 (20.30)
4345	Fat: Quantitative	04.00		22.050	161.70 (141.80)
4347	Ph	04.00		0.900	6.60 (5.79)
4351	Occult blood: Chemical test	04.00		2.250	16.50 (14.50)
4352	Occult blood: Monoclonal antibodies	04.00		10.000	73.30 (64.30)
4357	Potassium	04.00		3.620	26.50 (23.20)
4358	Sodium	04.00		3.620	26.50 (23.20)
4362	Elastase quantitative ELISA	04.00		47.000	344.60 (302.30)
4363	Stercobilinogen: Quantitative	04.00		6.750	49.50 (43.40)
<b>Biochemical tests: Miscellaneous</b>					
4366	Porphyryn screen qualitative: Urine, stool, red blood cells: Each	04.00		5.000	36.70 (32.20)
4367	Porphyryn qualitative analysis by TLC: Urine, stool, red blood cells: Each	04.00		20.000	146.60 (128.60)
4368	Porphyryn: Total quantisation: Urine, stool, red blood cells: Each	04.00		20.000	146.60 (128.60)
4369	Porphyryn quantitative analysis by TLC/HPLC: Urine, stool, red blood cells: Each	04.00		30.000	220.00 (193.00)
4370	Drug level in biological fluid: Monoclonal immunological	04.00		12.400	90.90 (79.70)
4371	Amylase in exudate	04.00		5.180	38.00 (33.30)

Code	Description	Ver	Add	Medical Technology	
				RVU	Fee
4372	Fluoride in biological fluids and water	04.00		15.620	114.50 (100.40)
4374	Trace metals in biological fluid: Atomic absorption	04.00		18.130	132.90 (116.60)
4375	Calcium in fluid: Spectrophotometric	04.00		3.620	26.50 (23.20)
4376	Calcium in fluid: Atomic absorption	04.00		7.250	53.20 (46.70)
4377	Gallstone analysis: (Bilirubin, Ca, P, Oxalate, Cholesterol)	04.11		21.880	160.40 (140.70)
4380	Lecithin in amniotic fluid: L/S ratio	04.00		27.000	198.00 (173.70)
4390	Foam test: Amniotic fluid	04.00		3.150	23.10 (20.30)
4391	Renal calculus: Chemistry	04.00		5.400	39.60 (34.70)
4392	Renal calculus: Crystallography	04.00		16.250	119.10 (104.50)
4395	Sweat: Sodium	04.00		3.620	26.50 (23.20)
4396	Sweat: Potassium	04.00		3.620	26.50 (23.20)
4397	Sweat: Chloride	04.00		2.590	19.00 (16.70)
4399	Sweat collection by iontophoresis (excluding collection material)	04.00		4.500	33.00 (28.90)
4400	Tryptophane loading test	04.00		22.050	161.70 (141.80)
<b>Cerebrospinal fluid</b>					
4401	Cell count	04.00		3.450	25.30 (22.20)
4407	Cell count, protein, glucose and chloride	04.00		7.650	56.10 (49.20)
4409	Chloride	04.00		2.590	19.00 (16.70)
4416	Sodium	04.00		3.620	26.50 (23.20)
4417	Protein: Qualitative	04.00		0.900	6.60 (5.79)
4419	Protein: Quantitative	04.00		3.110	22.80 (20.00)
4421	Glucose	04.00		3.620	26.50 (23.20)
4423	Urea	04.00		3.620	26.50 (23.20)
4425	Protein electrophoresis	04.00		12.600	92.40 (81.10)
<b>RNA/DNA based tests and andrology</b>					
<b>RNA/DNA based tests and andrology: RNA/DNA based tests</b>					
4430	Recombinant DNA technique	04.00		25.000	183.30 (160.80)
4431	Ribosomal RNA targeting for bacteriological identification	04.00		35.000	256.60 (225.10)
4432	Ribosomal RNA amplification for bacteriological identification	04.00		75.000	549.90 (482.40)
4433	Bacteriological DNA identification (LCR)	04.00		25.000	183.30 (160.80)
4434	Bacteriological DNA identification (PCR)	04.00		75.000	549.90 (482.40)
<b>RNA/DNA based tests and andrology: Andrology</b>					
4435	Mixed antiglobulin reaction: Semen	04.00		6.600	48.40 (42.50)
4436	Friberg test: Semen	04.00		14.500	106.30 (93.20)
4437	Kremer test: Semen	04.00		3.600	26.40 (23.20)
4440	Semen analysis: Cell count	04.00		7.650	56.10 (49.20)
4441	Semen analysis: Cytology	04.00		7.200	52.80 (46.30)
4442	Semen analysis: Viability + motility - 6 hours	04.00		6.000	44.00 (38.60)

Code	Description	Ver	Add	Medical Technology	
				RVU	Fee
4443	Semen analysis: Supravital stain	04.00		5.440	39.90 (35.00)
4445	Seminal fluid: Alpha glucosidase	04.00		20.000	146.60 (128.60)
4446	Seminal fluid fructose	04.00		3.150	23.10 (20.30)
4447	Seminal fluid: Acid phosphatase	04.00		5.180	38.00 (33.30)
<b>Immunology</b>					
4448	HCG: Latex agglutination: Qualitative (side room)	04.00		4.000	29.30 (25.70)
4449	HCG: Latex agglutination: Semi-quantitative (side room)	04.00		9.310	68.30 (59.90)
4450	HCG: Monoclonal immunological: Quantitative	04.00		10.000	73.30 (64.30)
4451	HCG: Monoclonal immunological: Quantitative	04.00		12.400	90.90 (79.70)
4455	Anti IgE receptor antibody test (10 samples and dilution)	04.00		161.560	1184.60 (1039.10)
4456	Eosinophil cationic protein	04.00		27.810	203.90 (178.90)
4457	Mast cell tryptase	04.00		96.870	710.30 (623.10)
4458	Micro-albuminuria: Radio-isotope method	04.00		12.420	91.10 (79.90)
4459	Acetyl choline receptor antibody	04.00		158.120	1159.30 (1016.90)
4460	CA-199 tumour marker	04.00		20.000	146.60 (128.60)
4462	CA-125 tumour marker	04.00		20.000	146.60 (128.60)
4463	C6 complement functional essay	04.00		45.000	329.90 (289.40)
4466	Beta-2-microglobulin	04.00		12.420	91.10 (79.90)
4468	CA-549	04.00		20.000	146.60 (128.60)
4469	Tumour markers: Monoclonal immunological (each)	04.00		20.000	146.60 (128.60)
4470	CA-195 tumour marker	04.00		20.000	146.60 (128.60)
4471	Carcino-embryonic antigen	04.00		20.000	146.60 (128.60)
4477	Neuron specific enolase	04.00		20.000	146.60 (128.60)
4479	Vitamin B12-absorption: Shilling test	04.00		11.700	85.80 (75.30)
4480	Serotonin	04.00		18.750	137.50 (120.60)
4482	Free thyroxine (FT4)	04.00		17.480	128.20 (112.50)
4485	Insulin	04.00		12.420	91.10 (79.90)
4490	Releasing hormone response	04.00		50.000	366.60 (321.60)
4491	Vitamin B12	04.00		12.420	91.10 (79.90)
4492	Vitamin D3: Calcitriol (RIA)	04.00		75.000	549.90 (482.40)
4493	Drug concentration: Quantitative	04.00		12.420	91.10 (79.90)
4494	Free hormone assay	04.00		17.480	128.20 (112.50)
4495	Growth hormone	04.00		12.420	91.10 (79.90)
4496	Hormone concentration: Quantitative	04.00		12.420	91.10 (79.90)
4497	Carbohydrate deficient transferrin	04.00		29.060	213.10 (186.90)
4499	Cortisol	04.00		12.420	91.10 (79.90)

Code	Description	Ver	Add	Medical Technology	
				RVU	Fee
4500	DHEA sulphate	04.00		12.420	91.10 (79.90)
4501	Testosterone	04.00		12.420	91.10 (79.90)
4502	Free testosterone	04.00		17.480	128.20 (112.50)
4503	Oestradiol	04.00		12.420	91.10 (79.90)
4505	Oestriol	04.00		10.800	79.20 (69.50)
4506	Multiple antigen specific IgE screening test for Atopy	04.00		37.260	273.20 (239.60)
4507	Thyrotropin (TSH)	04.00		19.600	143.70 (126.10)
4508	Combined antigen specific IgE	04.00		24.480	179.50 (157.50)
4509	Free tri-iodothyronine (FT3)	04.00		17.480	128.20 (112.50)
4512	Parathormone	04.00		17.080	125.20 (109.80)
4513	IgE: Total	04.00		12.420	91.10 (79.90)
4514	Antigen specific IgE	04.00		12.420	91.10 (79.90)
4515	Aldosterone	04.00		12.420	91.10 (79.90)
4516	Follitropin (FSH)	04.00		12.420	91.10 (79.90)
4517	Lutropin (LH)	04.00		12.420	91.10 (79.90)
4519	Prostate specific antigen	04.00		14.490	106.20 (93.20)
4520	17 Hydroxy progesterone	04.00		12.420	91.10 (79.90)
4521	Progesterone	04.00		12.420	91.10 (79.90)
4522	Alpha-feto protein	04.00		12.420	91.10 (79.90)
4523	ACTH	04.00		21.740	159.40 (139.80)
4526	Sex hormone binding globulin	04.00		12.420	91.10 (79.90)
4527	Gastrin	04.00		12.420	91.10 (79.90)
4528	Ferritin	04.00		12.420	91.10 (79.90)
4529	Anti-DNA antibodies	04.00		12.420	91.10 (79.90)
4530	Antiplatelet antibodies	04.00		15.300	112.20 (98.40)
4531	Hepatitis: Per antigen or antibody	04.00		14.490	106.20 (93.20)
4532	Transcobalamine	04.00		12.420	91.10 (79.90)
4533	Folic acid	04.00		12.420	91.10 (79.90)
4534	Prostatic acid phosphatase	04.00		12.420	91.10 (79.90)
4536	Erythrocyte folate	04.00		17.480	128.20 (112.50)
4537	Prolactin	04.00		12.420	91.10 (79.90)
4540	HCG: Quantitative as used for Down's screen	04.00		15.000	110.00 (96.50)
<b>Clinical pathology: Miscellaneous</b>					
4544	Attendance in theatre	04.00		27.000	198.00 (173.70)
<b>Exfoliative cytology</b>					
4561	Sputum, all body fluids and tumour aspirates: First unit	04.00		13.400	113.30 (99.40)

Code	Description	Ver	Add	Medical Technology	
				RVU	Fee
4563	Sputum, all body fluids and tumour aspirates: Each additional unit	04.00		7.800	66.00 (57.90)
4564	Performance of fine-needle aspiration for cytology	04.00		15.000	126.90 (111.30)
4565	Examination of fine needle aspiration in theatre	04.00		90.000	761.10 (667.60)
4566	Vaginal or cervical smears, each	04.00		11.000	93.00 (81.60)
<b>Human Genetics</b>					
<b>Cytogenetic</b>					
4750	Cell culture: Lymphocytes, cord blood	04.00		15.000	112.60 (98.80)
4751	Cell culture: Amniotic fluid, fibroblasts, leukaemia bloods, bone marrow, other specialised cultures	04.00		45.000	337.90 (296.40)
4752	Cell culture: Chorionic villi	04.00		60.000	450.50 (395.20)
4754	Cytogenetic analysis: Lymphocytes: Idiograms, karyotyping, one staining technique	04.00		135.000	1013.70 (889.20)
4755	Cytogenetic analysis: Amniotic fluid, fibroblasts, chorionic villi, products of conception, bone marrow, leukaemia bloods: Idiograms, karyotyping, one staining technique	04.00		270.000	2027.40 (1778.40)
4757	Specified additional analysis e.g. mosaicism, Fanconi anaemia, Fra X, additional staining techniques	04.00		70.000	525.60 (461.10)
4760	FISH procedure, including cell culture	04.00		115.000	863.50 (757.50)
4761	FISH analysis per probe system	04.00		35.000	262.80 (230.50)
<b>DNA-testing</b>					
4763	Blood: DNA extraction	04.00		45.000	337.90 (296.40)
4764	Blood: Genotype per person: Southern blotting	04.00		89.000	668.30 (586.20)
4765	Blood: Genotype per person: PCR	04.00		60.000	450.50 (395.20)
4767	Prenatal diagnosis: Amniotic fluid or chorionic tissue: DNA extraction	04.00		90.000	675.80 (592.80)
4768	Prenatal diagnosis: Amniotic fluid or chorionic tissue: Genotype per person: Southern blotting	04.00		188.000	1411.70 (1238.30)
4769	Prenatal diagnosis: Amniotic fluid or chorionic tissue: Genotype per person: PCR	04.00		120.000	901.10 (790.40)



# MENTAL HEALTH INSTITUTIONS

Mental Health Institutions 2009

**DRAFT NATIONAL REFERENCE PRICE LIST IN RESPECT OF MENTAL HEALTH CARE FACILITIES WITH EFFECT FROM 1 JANUARY 2009**

The following reference price list is not a set of tariffs that must be applied by medical schemes and/or providers. It is rather intended to serve as a baseline against which medical schemes can individually determine benefit levels and health service providers can individually determine fees charged to patients. Medical schemes may, for example, determine in their rules that their benefit in respect of a particular health service is equivalent to a specified percentage of the national health reference price list. It is especially intended to serve as a basis for negotiation between individual funders and individual health care providers with a view to facilitating agreements which will minimise balance billing against members of medical schemes. Should individual medical schemes wish to determine benefit structures, and individual providers determine fee structures, on some other basis without reference to this list, they may do so as well.

In calculating the prices in this schedule, the following rounding method is used: Values R10 and below rounded to the nearest cent, R10+ rounded to the nearest 10cent. Modifier values are rounded to the nearest cent. When new item prices are calculated, e.g. when applying a modifier, the same rounding scheme should be followed.

**VAT EXCLUSIVE PRICES APPEAR IN BRACKETS**

**GENERAL RULES**

A	It is recommended that, when such benefits are granted, drugs, consumables and disposable items used during a procedure or issued to a patient on discharge will only be reimbursed by a medical scheme if the appropriate code is supplied on the account.	04.00
C	All accounts submitted by mental health institutions shall comply with all of the requirements in terms of the Medical Schemes Act, Act No. 131 of 1999. Where possible, such accounts shall also reflect the practice code numbers and names of the surgeon, the anaesthetist and of any assistant surgeon who may have been present during the course of an operation.	04.00
D	All accounts shall be accompanied by a copy of the relevant theatre accounts specifying all details of items charged, as well as all the procedures performed. Photocopies of all other documents pertaining to the patients account must be provided on request. Medical schemes shall have the right to inspect the original source documents at the rehabilitation hospital concerned.	04.00
E	All accounts containing items which are subject to a discount in terms of the recommended benefit shall indicate such items individually and shall show separately the gross amount of the discount.	04.00
E.3.3	Mental Institutions refers to all institutions registered with the Department of Health in terms of the Mental Health Care Act 17 of 2002 having practice code numbers commencing with the digits 55.	06.04
F	Accommodation fees includes the services listed below: A. The minimum services that are required are items 3, 5 and 6. B. If managed care organisations or medical schemes request any of the other services included in this list, no additional charge may be levied by the hospital. 1 Pre-authorisation (up to the date of admission) of: · length of stay · level of care · theatre procedures 2 Provision of ICD-10 and CPT-4 codes when requesting pre-authorisation 3 Notification of admission 4 Immediate notification of changes to: · length of stay · level of care · theatre procedures 5 Reporting of length of stay and level of care · In standard format for purposes of creating a minimum dataset of information to be used in defining an alternative reimbursement system. 6 Discharge ICD-10 and CPT-4 coding · In standard format for purposes of creating a minimum dataset of information to be used in defining an alternative reimbursement system. · Including coding of complications and co-morbidity. To be done as accurately as practically possible by the hospital. 7 Case management by means of standard documentation and liaison between scheme and hospital appointed case managers · Liaison means communication and sharing of information between case managers, but does not include active case management by the hospital.	04.00

**SCHEDULE**

8 INSTITUTIONS REGISTERED IN TERMS OF THE MENTAL HEALTH ACT 1973 WITH A PRACTICE NUMBER COMMENCING WITH "55"					
Code	Description	Ver	Add	Mental Health Institutions	
				RVU	Fee
004	General ward fee: with overnight stay	04.00		10.000	911.70
005	General ward fee: without overnight stay	04.00		7.355	(799.70)
006	General ward fee: under 5 hours stay	04.00		3.808	670.50
					(588.20)
					347.20
					(304.60)